AD-649244

AFFDL-TR-66-159

EFFECTS OF PRESSURE VESSEL GEOMETRY ON THE INTERIOR BALLISTICS OF GAS GUNS

WILHELM F. KNACKSTEDT
JAY L. POLITZER

TECHNICAL REPORT AFFDL-TR-66-159

DECEMBER 1966

Distribution of this document is unlimited.

RESEARCH AND TECHNOLOGY DIVISION
AIR FORCE SYSTEMS COMMAND
UNITED STATES AIR FORCE
WRIGHT-PATTERSON AIR FORCE BASE, OHIO

20070925180

NOTICES

When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility nor any obligation whatsoever; and the fact that the Government may have formulated, furnished, or in any way supplied the said drawings, specifications, or other data, is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use, or sell any patented invention that may in any way be related thereto.

Copies of this report should not be returned to the Research and Technology Division unless return is required by security considerations, contractual obligations, or notice on a specific document.

200 - February 1967 - C0192-21-454

AFFDL-TR-66-159

EFFECTS OF PRESSURE VESSEL GEOMETRY ON THE INTERIOR BALLISTICS OF GAS GUNS

WILHELM F. KNACKSTEDT
JAY L. POLITZER

Distribution of this document is unlimited.

FOREWORD

This report was prepared by the Advanced Theory Group, Theoretical Mechanics Branch, Structures Division, of the Air Force Flight Dynamics Laboratory (AFFDL), under Project 5710, Nuclear Weapon Effects, Research and Testing, Task No. 5710/WEB with Dr. W. F. Knackstedt and Mr. J. L. Politzer as task engineers. Dr. W. A. Kapp contributed to the work by writing the computer program.

The manuscript was released in September 1966 for publication as a technical report.

This is an in-house effort sponsored under AFFDL Laboratory Director's Funds.

This technical report has been reviewed and is approved.



FRANCIS J. JANIK, JR.
Chief, Theoretical Mechanics Branch
Structures Division
Air Force Flight Dynanices Laboratory

ABSTRACT

An analytical treatment of the performance of a gas gun has been carried out by means of a modified "Lagrange approximation." The actual local cross-sectional area of the high-pressure vessel of the gas gun, larger than the area of the base of the gun's barrel, has been taken into account and its effect on the performance determined.

TABLE OF CONTENTS

SECTION		PAGE
I	INTRODUCTION	1
II	ANALYSIS	2
III	NUMERICAL RESULTS	3
IV	SUMMARY	8
REFERENCE		8
APPENDIX I	Fortran IV Computer Program	11
APPENDIX II	Nu Versus Eta - "Piston Velocity/Piston Travel Distance" - A Dimensionless Quantity	18
APPENDIX III	Time Versus Eta - "Piston Travel Time/Piston Travel Distance" - A Dimensionless Quantity	131

ILLUSTRATIONS

FIGURE		PAGE
1.	Representative Shapes of Gas Gun Pressure Chambers	9
	a. Frustrum	9
	b. Rotationally Symmetrical Ellipsoid	9
	c. Rotationally Symmetrical Paraboloid	9
	d. Composite	9
2.	Numerical Values of the Integral I for Different Shapes of Gas Gun Pressure Chambers	10

LIST OF SYMBOLS

A	base area of piston
$A(\xi)$	local cross section area of pressure vessel
a	longitudinal semiaxis of ellipsoid also local speed of sound in the gas
a_o	speed of sound in an ideal gas under initial conditions
b	lateral semiaxis of ellipsoid also co-volume in van der Waals equation of state
E	kinetic energy
g	acceleration of gravity
I	$= \int_0^1 \frac{(\frac{\xi}{L_o})^2 d(\frac{\xi}{L_o})}{\frac{A(\xi)}{A}}$
L_o	length of pressure chamber
L_e	$= \frac{V_o}{A}$, equivalent length of pressure chamber
ℓ	length of individual portions of pressure chamber
m	$= \rho_o V_o$, mass of compressed gas in the vessel
p	pressure
R, R'	radii of pressure chamber at specified locations
r	radius of barrel
t	piston travel time
V_o	volume of pressure chamber
v	velocity also specific volume of the gas
W	weight of the piston
x	piston travel distance

LIST OF SYMBOLS (CONT'D)

α	=	L_o/L_e length of chamber to equivalent length of chamber
β	=	b/r dimensionless lateral semiaxis of ellipsoid
		also co-density in the modified van der Waals equation
γ		ratio of specific heat
δ	=	1 - 3I
ζ		local radius of pressure chamber
η	=	x/L_o dimensionless piston travel distance
κ	=	R/r
κ'	=	R'/r dimensionless radii of pressure chamber
λ	=	ℓ/r dimensionless length of individual portions of chamber
μ	=	a/r dimensionless longitudinal semiaxis of ellipsoid
ν	=	v_x/a_o dimensionless piston velocity
ξ		distance from closed end of chamber
ρ		density of gas
τ		dimensionless time of piston travel
ψ	=	$\frac{\rho_o}{\beta}$
ω	=	$W/g:(\rho_o V_o)$ mass of piston to mass of compressed gas

Subscripts:

0	initial conditions
0,1,2	refer to individual portions of pressure chamber
e	external conditions
ξ	condition at distance ξ from closed end of chamber
x	condition at base of piston

SECTION I

INTRODUCTION

In a special materials test where it was necessary to accelerate a pellet to moderately high velocities, well below the speed of sound, a gas gun utilizing compressed air was used. The projectile in this case was a piston into the forward face of which the pellet was implanted. The target was placed close to the end of the barrel of the gun.

The piston velocity was measured at the target. On some occasions the time between the start of the piston and its arrival at the target was also measured. To obtain a check on velocities as well as to determine the necessary design characteristics for various piston velocities, it became desirable to carry out an analysis of the performance of gas guns, even if this could be achieved only approximately.

In the following analysis, friction between the piston and the barrel walls, leakage of the high pressure air around the piston, and pressure buildup in front of the moving piston are not considered.

SECTION II

ANALYSIS

The interior aerodynamics of the gas gun in the present case may be treated as that of the "Lagrange Problem" of Interior Ballistics, since the velocities involved stay well below the speed of sound. The following simplifying assumptions are made: a) the gas expands adiabatically; b) the flow is one-dimensional; and c) the velocity of the gas at any instant varies in proportion to the distance from the closed end of the pressure chamber and inversely with the local cross section of the chamber. The gas velocity is zero at the closed end of the vessel and equal to the piston velocity at the base of the piston.

The complete analysis is contained in Reference 1. Here, only those parts of it necessary for the application of the charts and/or tables (see Appendices) are repeated.

For a gun having a chamber design such as d in Figure 1, the local gas velocity at position ξ is

$$v_\xi = \frac{\xi}{(L_0 + x)} \frac{A}{A(\xi)} v_x \tag{1}$$

The kinetic energy of the air moving in the vessel and in the barrel behind the piston which may have arrived at a position x after the start is

$$E_{air} = \int_0^{L_0 + x} \frac{\rho}{2} A(\xi) v_\xi^2 \, d\xi = \frac{\rho_0}{2} \frac{V_0}{V_0 + Ax} \frac{A^2}{(L_0 + x)^2} v_x^2 \int_0^{L_0 + x} \frac{\xi^2 \, d\xi}{A(\xi)} \tag{2}$$

The kinetic energy of the moving piston of mass $\frac{W}{g}$ is

$$E_{piston} = \frac{W}{g} \frac{v_x^2}{2} \tag{3}$$

The external work produced by the adiabatic expansion of the air initially in the vessel, when the piston has moved into position x is:

$$E_{ext} \int_0^x p \, dV = \frac{p_0 V_0}{\gamma - 1} \left(1 - \frac{p_0}{\beta}\right) \left[1 - \left(\frac{1 - p_0/\beta}{1 + x/L_e - p_0/\beta}\right)^{\gamma - 1}\right] \tag{4}$$

and is equal to the kinetic energy of the moving piston and the gas. The velocity of the piston along its path is then (for any geometry of the pressure vessel), after some transformation,

$$v_x = \left[\frac{\frac{2}{\gamma - 1} \frac{p_0}{\rho_0} \left(1 - \frac{p_0}{\beta}\right) \left[1 - \left(\frac{1 - p_0/\beta}{1 + x/L_0 - p_0/\beta}\right)^{\gamma - 1}\right]}{\frac{W/g}{\rho_0 V_0} + \frac{1}{3} \frac{L_0 + x}{L_e + x} \left\{1 - \left(\frac{L_0}{L_0 + x}\right)^3 \left[1 - 3 \int_0^1 \frac{(\xi/L_0)^2 \, d(\xi/L_0)}{A(\xi)/A}\right]\right\}} \right]^{1/2} \tag{5}$$

The time t needed for thepiston to travel a distance x from the start is:

$$t = \int_0^x \frac{dx}{v_x} \tag{6}$$

SECTION III

NUMERICAL RESULTS

The contents within the brackets in the denominator of the equation for v_x depend entirely upon the shape and size of the high pressure vessel. The vessel proper may have a simple geometric shape (Figures 1a, b, and c), or it may be a composite of several simple shapes of overall length, L_0 (Figure 1d). Its dimensions will be referred to the radius r of the barrel.

For a frustrum (Figure 1a), the integral (from the denominator of Equation 5)

$$I = \int_0^1 \frac{(\xi/L_0)^8 d(\xi/L_0)}{A(\xi)/A} \tag{7}$$

assumes the form

$$I = \frac{\pi r^2}{\ell_0^3} \int_0^{\ell_0} \frac{\xi^2 \, d\xi}{\pi\left(R - \frac{R-R'}{\ell_0}\xi\right)} = \frac{R'/r}{(R/r - R'/r)^3} \left[\left(\frac{R/r}{R'/r}\right)^2 - 2\left(\frac{R/r}{R'/r}\right) \ln\left(\frac{R/r}{R'/r}\right) - 1 \right]$$

$$= \frac{\kappa'}{(\kappa - \kappa')^3} \left[\left(\frac{\kappa}{\kappa'}\right)^2 - 2\left(\frac{\kappa}{\kappa'}\right) \ln\left(\frac{\kappa}{\kappa'}\right) - 1 \right], \text{ when } R/r = \kappa \text{ and } R'/r = \kappa'. \tag{8}$$

$$I = \frac{1}{(\kappa - 1)^3} \left[\kappa^2 - 2\kappa \ln \kappa - 1 \right], \text{ when } R' = r \text{ or } \kappa' = 1.$$

If $R' = R$ or $\kappa' = \kappa$, the frustum becomes a cylinder, and

$$I = \frac{1}{3} \frac{1}{\kappa^3} \tag{9}$$

For a rotationally symmetrical ellipsoid (Figure 1b)

$$I = \frac{\pi r^2}{\ell_0^3} \int_0^{\ell_0} \frac{\xi\, d\xi}{\pi\left(2\frac{b^2}{a} - \left(\frac{b}{a}\right)^2 \xi\right)} = \left(\frac{r}{b}\right)^2 \frac{1}{1+\sqrt{1-(r/b)^2}} \left[\frac{2}{1+\sqrt{1-(r/b)^2}} \ln \frac{2}{1-\sqrt{1-(r/b)^2}} - 1 \right]$$

$$= \frac{1/\beta^2}{1+\sqrt{1-1/\beta^2}} \left[\frac{2}{1+\sqrt{1-1/\beta^2}} \ln \frac{2}{1-\sqrt{1-1/\beta^2}} - 1 \right], \text{ when } b/r = \beta \tag{10}$$

The ellipsoid becomes a sphere, when a = b = R. With $R = \beta r$ the formula for the sphere is the same as that for the ellipsoid.

For a paraboloid (Figure 1c)

$$I = \frac{\pi r^2}{\ell_0^3} \int_0^{\ell_0} \frac{\xi^2 d\xi}{\pi 2\rho(\ell_0 + \epsilon - \xi)} = \frac{1}{(R/r)^2 - 1} \left[\left(\frac{(R/r)^2}{(R/r)^2-1}\right)^2 \ln \left(\frac{R}{r}\right)^2 - \frac{1}{(R/r)^2-1} - \frac{3}{2} \right]$$

$$= \frac{1}{\beta^2-1} \left[2\left(\frac{\beta^2}{\beta^2-1}\right)^2 \ln \beta - \frac{1}{\beta^2-1} - \frac{3}{2} \right], \text{ when } R/r = \beta$$

For these three shapes the numerical values of I have been computed and plotted (Figure 2) as a function of the characteristic dimensions.

For a composite vessel such as Figure 1d, consisting of half an ellipsoid, a cylindrical part, a frustum, and a short cylindrical part of barrel cross section, the volume is

$$V_0 = \pi \left\{ \frac{b^2}{a^2} \int_0^a (2a\xi - \xi^2)\, d\xi + R^2 \int_a^{a+\ell_0} d\xi + \int_{a+\ell_0}^{a+\ell_0+\ell_1} \left(R - \frac{R-R'}{\ell_1}\xi\right)^2 d\xi \right.$$

$$\left. + r^2 \int_{a+\ell_0+\ell_1}^{a+\ell_0+\ell_1+\ell_2} d\xi \right\} = \pi \left\{ R^2 \left(\frac{(a+\ell_0)^2}{\ell_1} - \frac{a}{3} + \frac{\ell_1}{3} \right) - 2Rr \left(\frac{(a+\ell_0)^2}{\ell_1} - \frac{\ell_1}{6} \right) \right. \tag{11}$$

$$\left. + r^2 \left(\frac{(a+\ell_0)^2}{\ell_1} + a + \ell_0 + \frac{\ell_1}{3} + \ell_2 \right) \right\} = \pi r^3 \left\{ \beta^2 \left(\frac{(\mu+\lambda_0)^2}{\lambda_1} + \frac{1}{3}(\lambda_1 - \mu) \right) \right.$$

$$\left. - 2\beta \left(\frac{(\mu+\lambda_0)^2}{\lambda_1} - \frac{\lambda_1}{6} \right) + \frac{(\mu+\lambda_0)^2}{\lambda_1} + \mu + \lambda_0 + \frac{\lambda_1}{3} + \lambda_2 \right\}$$

when

$$R/r = b/r = \kappa = \beta, \quad a/r = \mu, \quad \ell_0/r = \lambda_0, \quad \ell_1/r = \lambda_1, \quad \ell_2/r = \lambda_2 \tag{12}$$

Then L_e can be computed according to the definition

$$V_0 = \pi r^2 L_e \tag{13}$$

The integral I for the composite vessel becomes

$$I = \frac{\pi r^2}{L_0^3} \left\{ \frac{a^2}{b^2} \left[2a - \xi - 2a \ln\left(2\frac{b^2}{a} - \frac{b^2}{a^2}\xi \right) \right]_0^a + \frac{1}{R^2} \left[\frac{\xi^3}{3} \right]_a^{a+\ell_0} \right.$$

$$+ \frac{\ell_1^3}{(R-R')^3} \left[-R + \frac{R-R'}{\ell_1}\xi + 2R \ln\left(R - \frac{R-R'}{\ell_1}\xi \right) + \frac{R^2}{R - \frac{R-R'}{\ell_1}\xi} \right]_{a+\ell_0}^{a+\ell_0+\ell_1}$$

$$\left. + \frac{1}{r^2} \left[\frac{\xi^3}{3} \right]_{a+\ell_0+\ell_1}^{a+\ell_0+\ell_1+\ell_2} \right\} = \frac{1}{(\mu+\lambda_0+\lambda_1+\lambda_2)^3} \left\{ \frac{\mu^3}{\beta^2} \left[\ln 4 - 1 \right] + \frac{1}{\beta^2} \left[\mu^2\lambda_0 + \mu\lambda_0^2 \right. \right. \tag{14}$$

$$\left. + \frac{\lambda_0^3}{3} \right] + (\mu+\lambda_0+\lambda_1)^2 \lambda_2 + (\mu+\lambda_0+\lambda_1)\lambda_2^2 + \frac{\lambda_2^3}{3} + \frac{\lambda_1^3}{(\beta-1)^3} \left[(\beta-1) \right.$$

$$\left. \left. - 2\beta \ln \frac{\mu+\lambda_0-\beta(\mu+\lambda_0-\lambda_1)}{\mu+\lambda_0-\lambda_1-\beta(\mu+\lambda_0)} - \beta^2\lambda_1 \left(\frac{1}{\mu+\lambda_0-\beta(\mu+\lambda_0-\lambda_1)} - \frac{1}{\mu_0+\lambda_0+\lambda_1-\beta(\mu+\lambda_0)} \right) \right] \right\}$$

A numerical computation of the velocity v_x of the piston and its travel time along the gun barrel has been carried out for a gas with the specific heat ratio $\gamma = \text{const} = 1.4$. To make the results as general and as convenient as possible, certain magnitudes, which can be determined beforehand from the design values, have been considered as parameters:

$$\alpha = \frac{AL_0}{V_0} = \frac{L_0}{L_e} = \frac{\text{length of the vessel}}{\text{equivalent length of the vessel}}, \tag{15}$$

$$\omega = \frac{W/g}{\rho_0 V_0} = \frac{\text{mass of the piston}}{\text{mass of compressed air}},$$

$$\delta = 1 - 3I,$$

$$a_0 = \sqrt{\gamma \frac{p_0}{\rho_0}} = \text{speed of sound in an ideal gas at the initial pressure and density,} \tag{16}$$

and $\psi = \rho_0/\beta$, versus (17)

$$\eta = \frac{x}{L_0} = \frac{\text{piston travel}}{\text{length of vessel}} \quad \text{as the independent variable.} \tag{18}$$

Using these definitions, the dimensionless piston velocity and the travel time may be written as:

$$\left(\frac{v_x}{a_0}\right) = \nu = \left[\frac{\frac{2(1-\psi)}{\gamma(\gamma-1)}\left[1-\left(\frac{1-\psi}{1+\alpha\eta-\psi}\right)^{\gamma-1}\right]}{\omega + \frac{\alpha}{3}\frac{1+\eta}{1+\alpha\eta}\left[1-\frac{\delta}{(1+\eta)^3}\right]} \right]^{\frac{1}{2}} \tag{19}$$

and

$$\tau = \frac{a_0}{L_0} t = \frac{a_0}{L_0}\int_0^x \frac{dx}{v_x} = \int_0^\eta \frac{d\eta}{\nu} \quad \text{respectively.} \tag{20}$$

ν and τ, versus η, have been computed for selected values of the parameters α, ω, δ, and ψ, and are given in the tables.

Because of the assumptions involved caution must be observed in the use of the tables. The ratio v_x / a_0 is not a true Mach number although it is the ratio of the piston velocity to the velocity of sound in the compressed gas in the pressure vessel at initial conditions. The local speed of sound in the air after adiabatic expansion in the barrel is always lower than a_0 and, therefore, the true local Mach number of the air in the immediate vicinity of the piston's base is higher than the ratio v_x / a_0.

The computation in this report is based upon the assumption that the velocities involved are well below the speed of sound. We arbitrarily restrict the applicability of the derivation for the computation of gas guns such that the local Mach number in the gas is not to exceed 0.5. The maximum local Mach number is

$$M = \left(\frac{v_x}{a}\right) = \left(\frac{v_x}{a_0}\right)\left(\frac{a_0}{a}\right) = \nu\frac{a_0}{a} \leq 0.5, \quad \text{and} \quad \nu \leq 0.5\frac{a}{a_0} \tag{21}$$

The local speed of sound is

$$a = \sqrt{\gamma\left(\frac{\partial p}{\partial \rho}\right)_s} = \sqrt{\gamma \frac{p}{\rho}\frac{v\beta}{\beta-\rho}} = \sqrt{\gamma g p v \frac{v}{v-b}} \tag{22}$$

and according to definition

$$a_0 = \sqrt{\gamma \frac{p_0}{\rho_0}} = \sqrt{\gamma g p v_0} \tag{23}$$

$$\frac{a}{a_0} = \sqrt{\frac{p}{p_0} \frac{v}{v_0} \frac{v}{v-b}} \tag{24}$$

with

$$\frac{p}{p_0} = \left(\frac{v_0 - b}{v-b}\right)^{\gamma} \tag{25}$$

$$\frac{a}{a_0} = \sqrt{\frac{v}{v_0}\left(\frac{v_0-b}{v-b}\right)^{\gamma}\frac{v}{v-b}} = \sqrt{\frac{V_0+Ax}{V_0}\left(\frac{V_0 - m/\beta}{V_0+Ax-m/\beta}\right)^{\gamma}\frac{V_0+Ax}{V_0+Ax-m/\beta}}$$

$$= \sqrt{\frac{(1+x/L_e)^2}{1+(x/L_e)-(\rho_0/\beta)}\left(\frac{1-(\rho_0/\beta)}{1+(x/L_e)-(\rho_e/\beta)}\right)^{\gamma}} = \sqrt{\frac{(1+a\eta)^2}{1+a\eta-\psi}\left(\frac{1-\psi}{1+a\eta-\psi}\right)^{\gamma}} \tag{26}$$

All of the values of ν exceeding

$$0.5\sqrt{\frac{(1+a\eta)^2}{1+a\eta-\psi}\left(\frac{1-\psi}{1+a\eta-\psi}\right)^{\gamma}} \tag{27}$$

should not be used. These values, therefore, have been eliminated from the tables by the expedient of printing zeros instead. The values of τ corresponding to those inadmissible values of ν have also been eliminated from the tables.

SECTION IV

SUMMARY

Numerical values which can be used in the calculation of piston velocities and travel times in the barrel of a gas gun have been calculated. The effects of different shapes of the pressure chamber have been taken into account. Piston velocity and travel time are given in dimensionless form as functions of the dimensionless piston travel with certain design characteristics as parameters. These may be computed beforehand and used for interpolation of the tables.

It is assumed that air is the driving medium. However, the tables are also valid for any gas with γ = const = 1.4.

In the case of a gas with a specific heat ratio other than 1.4, the tabulations of the computer programs are attached so that the desired numerical values may be computed.

When the pressure chamber is simple in shape, as illustrated in Figure 1a to 1c, the numerical values of I in the parameter $\delta = 1-3I$ can be taken from the graphs in Figure 2.

REFERENCE

1. W. F. Knackstedt and J. L. Politzer. "Influence du Chambrage en Balistique Interieure" (Chambrage Effect in Interior Ballistics) (in French) Mém. Artillerie Franç (1967)

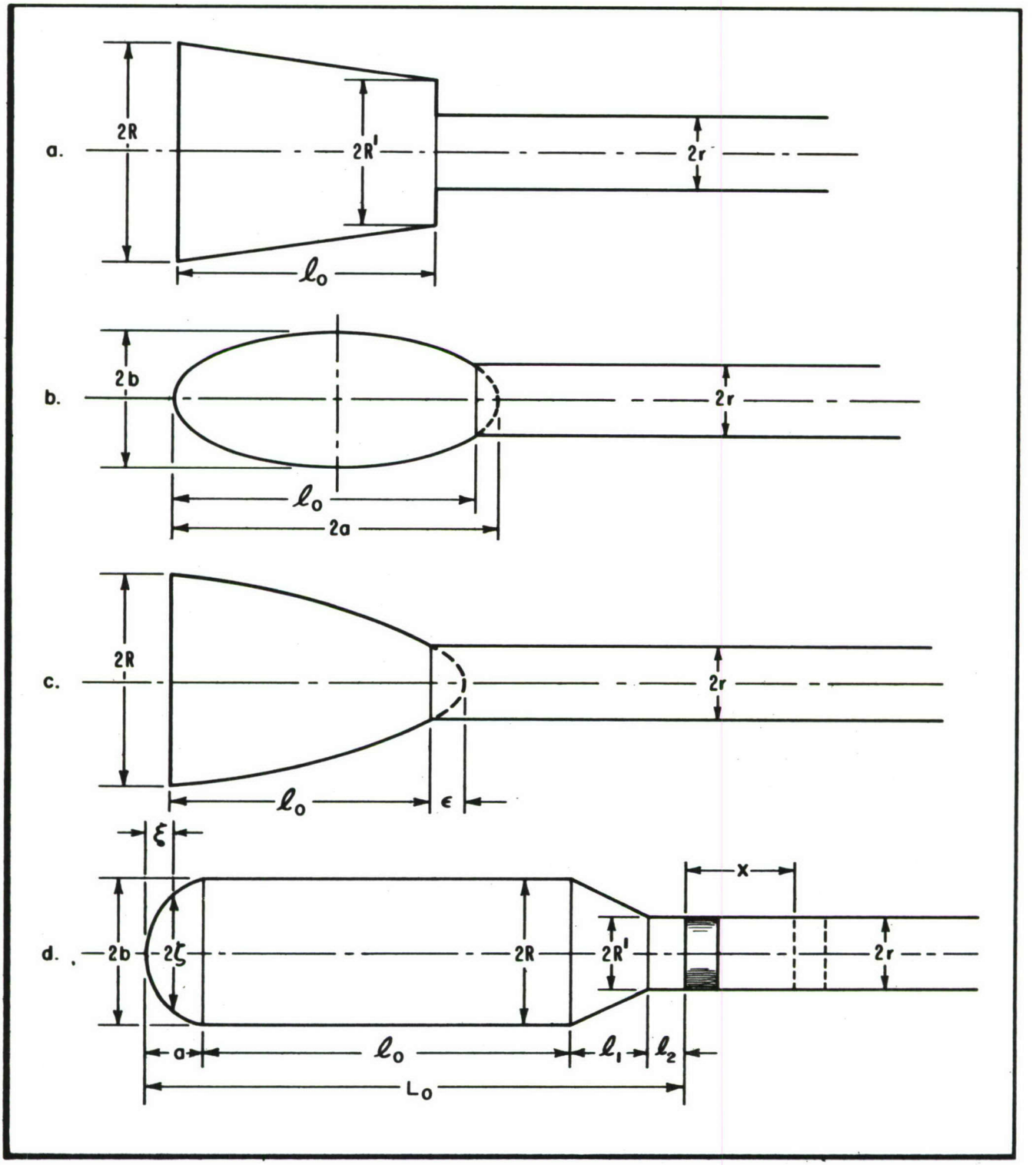


Figure 1. Representative Shapes of Gas Gun Pressure Chambers

a. Frustum
b. Rotationally Symmetrical Ellipsoid
c. Rotationally Symmetrical Paraboloid
d. Composite

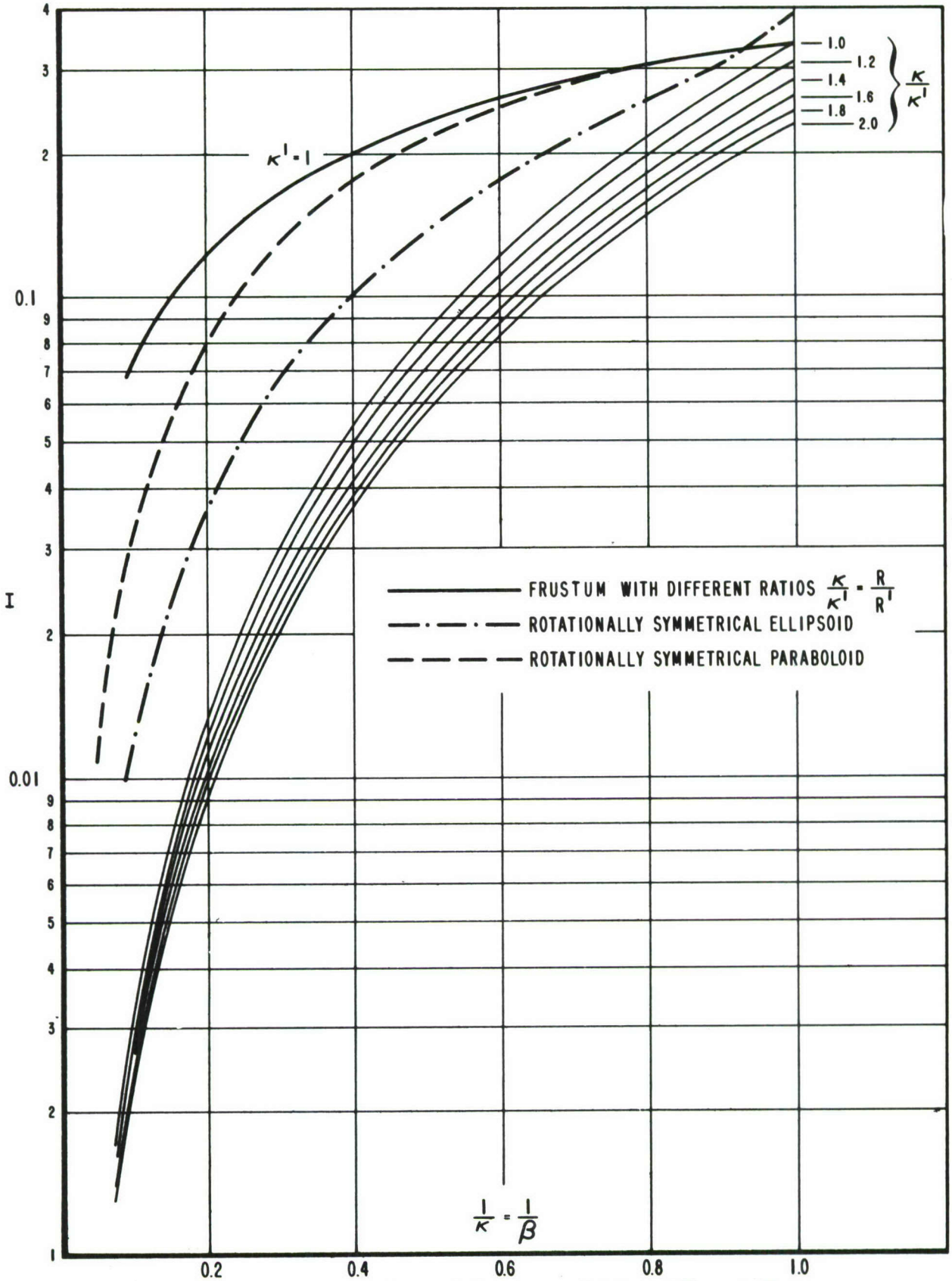


Figure 2. Numerical Values of the Integral I for Different Shapes of Gas Gun Pressure Chambers

APPENDIX I

Fortran IV Computer Program

```
C      FORTRAN IV PROGRAM FOR COMPUTATION OF VELOCITY

       DIMENSION VEL(11)
       REAL MACH
       READ(5,47)GAMMA
   47  FORMAT(1F12.4)
   48  READ(5,49)PSI
   49  FORMAT(1F12.4)

    4  DDELTA=.25

       DOMEGA=.5
       DETA=.25
       DALPHA=.2
C      THESE ARE STEP SIZES FOR DELTA,OMEGA,ETA,ALPHA

       MACH = .5
C      MACH IS LOCAL MACH NUMBER

       G = GAMMA - 1.
       F = 1. - PSI
       W = 2.*(1.-PSI)/GAMMA/G
C      THESE ARE INTERMEDIATE CALCULATIONS TO REDUCE COMPUTING TIME

       ALPHA=.2

       DO78 M=1,5
C      THIS LOOP INCREMENTS ALPHA

       R = ALPHA/3.
C      THIS IS AN INTERMEDIATE CALCULATION TO REDUCE COMPUTING TIME
       DELTA=0.

       DO70 L=1,5
C      THIS LOOP INCREMENTS DELTA

       ETA=.25
       WRITE(6,40)DELTA,ALPHA,PSI
   40  FORMAT(1H1,54X,13HNU VERSUS ETA,//27X,8HDELTA = ,F4.2,16X,8HALPHA
      1= ,F4.2,16X,6HPSI = ,F4.2,//57X,5HOMEGA,
      8                          //2X,3HETA,6X,3H0.0,8X,3H0.5,8X,3H1.0,8X,
      23H1.5,8X,3H2.0,8X,3H2.5,8X,3H3.0,8X,3H3.5,8X,3H4.0,8X,3H4.5,8X,3H5
      3.0)

       DO 38 K=1,20
C      THIS LOOP INCREMENTS ETA

       T = 1. + ETA
       S= ALPHA* ETA
       U = 1. + S
       A = F+S
C      THESE ARE INTERMEDIATE CALCULATIONS TO REDUCE COMPUTING TIME

       OMEGA=0.

       DO 31 I=1,11
C      THIS LOOP INCREMENTS OMEGA
```

```
      VEL(I) = (W*(1.-(F/A)**G)/(OMEGA +R*T/U*(1.-DELTA/T**3.)))**.5

      TEST = MACH*(U**2./A*(F/A)**GAMMA)**.5
      IF(VEL(I) - TEST) 31,31,3
C     THIS TESTS FOR VELOCITIES GREATER THAN MACH .5

    3 VEL(I) = 0.
C     THIS PREVENTS PRINTOUT OF MEANINGLESS VALUES

   31 OMEGA=OMEGA+DOMEGA
      WRITE(6,35)ETA,(VEL(I),I=1,11)
   35 FORMAT(1H0,1X,F4.2,1X,1P11E11.3)
   38 ETA=ETA+DETA
   70 DELTA=DELTA+DDELTA
   78 ALPHA=ALPHA+DALPHA
      GO TO 48
      END


C     FIRST DATA CARD IS FOR GAMMA
C     THE SUBSEQUENT DATA CARDS ARE FOR PSI
```

```
C      FORTRAN IV PROGRAM FOR COMPUTATION OF TIME

       COMMON ALPHA,DELTA,OMEGA,F,G,R,W,GAMMA,PSI,E
       DIMENSION COR(21),A(10,21)
       REAL MACH
       EXTERNAL VEL,SER

       MACH =  .5
C      MACH IS LOCAL MACH NUMBER

       READ(5,19)GAMMA
   19  FORMAT(1F12.4)
   13  READ(5,18)PSI
   18  FORMAT(F12.4)


   14  G= GAMMA - 1.
       F = 1. - PSI
       W = 2.*F/GAMMA/G
C      THESE ARE INTERMEDIATE STEPS TO REDUCE COMPUTING TIME

       DALPHA=.2
       DDELTA = .25
       DOMEGA=.5
C      THESE ARE STEP SIZES FOR ALPHA,DELTA,AND OMEGA

       ALPHA=.2

       DO80 L=1,5
C      THIS LOOP INCREMENTS ALPHA

       R = ALPHA/3.
       DELTA=0.

       DO 67 KA=1,5
C      THIS LOOP INCREMENTS DELTA

       WRITE(6,40)DELTA,ALPHA,PSI
   40  FORMAT(1H1,60X,15HTIME VERSUS ETA,//35X,8HDELTA = ,F4.2,16X,8HALPH
      1A = ,F4.2,16X,6HPSI = ,F4.2,//65X,
      15HOMEGA,//11X,3HETA,6X,3H0.5,8X,
      23H1.0,8X,3H1.5,8X,3H2.0,8X,3H2.5,8X,3H3.0,8X,3H3.5,8X,3H4.0,8X,
      33H4.5,8X,3H5.0)
       OMEGA=.5

       DO 51 I=1,10
C      THIS LOOP INCREMENTS OMEGA

       DO 25 K= 2,21
C      THIS LOOP PERFORMS INTEGRATION UP TO ETA=5.0
```

```
      KO=K-1
      COR(K)=.25*FLOAT(KO)

      E = COR(K)
C     THIS COMPUTES THE LOWER LIMIT OF EACH INTEGRAL

      EN=E+.25
C     THIS COMPUTES THE UPPER LIMIT OF EACH INTEGRAL

      H = ALPHA * E
      Z=E+H
      Y=1.+H
C     THESE ARE INTERMEDIATE STEPS TO REDUCE COMPUTING TIME

      TEST=1./VEL(E)
      TACH=MACH*Y*(1./Z*(E/Z)**GAMMA)**.5
      IF(TEST-TACH)76,76,2
    2 A(I,K) = 0.
      GO TO 25
C     THIS TESTS FOR VELOCITIES LARGER THEN MACH .5 AND
C     PREVENTS COMPUTATION OF MEANINGLESS RESULTS

   76 IF (K - 2)8,8,77

    8 A(I,K)= QUAD(1.E-05,1.E-08,850,SER)+QUAD(1.E-02,1.E-05,1800,SER
     1)+QUAD(.25,1.E-02,330,VEL)
C     THIS PERFORMS INTEGRATION BETWEEN ETA = 1.E-08 AND .25
C     1.E-08 WAS SELECTED AS COMPROMISE BETWEEN ACCURACY,COMPUTATION
C     TIME REQUIREMENTS, AND POSSIBLE OVERFLOW CONDITION

      GO TO 25

   77 A(I,K)=QUAD(EN,E,15,VEL)+A(I,KO)
C     THIS INTEGRATES FROM .25 TO 5.0 AND SUMS UP

   25 CONTINUE
   51 OMEGA = OMEGA + DOMEGA
      WRITE(6,45)(COR(K),(A(I,K),I=1,10),K=2,21)
   45 FORMAT(1H0,10X,0PF4.2,1X,1P10E11.3)
   67 DELTA=DELTA+DDELTA
   80 ALPHA=ALPHA+DALPHA
      GOTO 13
      END
```

```
      FUNCTION VEL(ETA)
C     THIS IS THE RECIPROCAL OF THE EXPRESSION FOR THE VELOCITY
      COMMON ALPHA,DELTA,OMEGA,F,G,R,W,GAMMA,PSI,E
      T=1.+ETA
       S=ALPHA*ETA
      U=1.+S
      A=F+S
C     THESE ARE INTERMEDIATE STEPS TO REDUCE COMPUTING TIME
      VEL = (W*(1.-(F/A)**G)/
     1(OMEGA+R*T/U*(1.-DELTA/T**3.)))**(-.5)
      RETURN
      END


      FUNCTION SER(ETA)
C     THIS IS A SERIES EXPANSION OF VEL FOR SMALL ARGUMENT
      COMMON ALPHA,DELTA,OMEGA,F,G,R,W,GAMMA,PSI,E
       S=ALPHA*ETA
      T=1.+ETA
      U=1.+S
      TA=S/F
C     THESE ARE INTERMEDIATE STEPS TO REDUCE COMPUTING TIME
      SER=(W*G*TA*(1.-GAMMA/2.*TA*(1.-(GAMMA+1.)/3.*TA))/
     1(OMEGA+R*T/U*(1.-DELTA/T**3.)))**(-.5)
      RETURN
      END
```

```
      FUNCTION QUAD(BE,AE,ME,DUM)
C     CONTRIBUTED BY JAY L. POLITZER

C     QUAD PERFORMS SIMPSONS INTERGRATION

C     BE = UPPER LIMIT
C     AE = LOWER LIMIT
C     ME = NUMBER OF INTERVALS
C     DUM IS DUMMY FUNCTION NAME OF FUNCTION TO BE INTEGRATED
C     REAL NAME APPEARS IN EXTERNAL TYPE STATEMENT(VEL,SER)

      COMMON ALPHA,DELTA,OMEGA,F,G,R,W,GAMMA,PSI,E

      KE=(ME+1)/2*2
C     THIS INSURES PROPER  NUMBER OF INTERVALS

      DX=(BE-AE)/FLOAT(KE)
      QUAD=DUM(AE)+DUM(BE)
      EX=AE+DX
      DO 1 I=2,KE

      C=4-2*((10*I/2-I/2*10)/5)
C     THIS PROVIDES CORRECT FACTORS, 2 AND 4 RESPECTIVELY

      QUAD=C*DUM(EX)+QUAD
    1 EX=EX+DX
      QUAD=QUAD*DX/3.
      RETURN
      END



C     DATA
C     THE FIRST DATA CARD IS FOR GAMMA
C     THE SUBSEQUENT DATA CARDS ARE FOR PSI
```

APPENDIX II

Nu Versus Eta -

"Piston Velocity/Piston Travel Distance" -

A Dimensionless Quantity

NU VERSUS ETA

DELTA = 0. ALPHA = 0.20 PSI = 0.

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	3.452E-01	2.529E-01	2.091E-01	1.822E-01	1.636E-01	1.497E-01	1.389E-01	1.301E-01	1.228E-01	1.166E-01
0.50	0.	4.755E-01	3.499E-01	2.898E-01	2.528E-01	2.271E-01	2.079E-01	1.929E-01	1.807E-01	1.706E-01	1.620E-01
0.75	0.	0.	4.199E-01	3.482E-01	3.040E-01	2.732E-01	2.502E-01	2.322E-01	2.176E-01	2.054E-01	1.951E-01
1.00	0.	0.	4.755E-01	3.949E-01	3.449E-01	3.102E-01	2.841E-01	2.637E-01	2.472E-01	2.334E-01	2.217E-01
1.25	0.	0.	0.	4.339E-01	3.793E-01	3.412E-01	3.126E-01	2.902E-01	2.721E-01	2.569E-01	2.441E-01
1.50	0.	0.	0.	4.675E-01	4.089E-01	3.679E-01	3.373E-01	3.132E-01	2.936E-01	2.773E-01	2.634E-01
1.75	0.	0.	0.	0.	4.349E-01	3.915E-01	3.589E-01	3.333E-01	3.125E-01	2.952E-01	2.805E-01
2.00	0.	0.	0.	0.	4.581E-01	4.125E-01	3.783E-01	3.514E-01	3.295E-01	3.112E-01	2.957E-01
2.25	0.	0.	0.	0.	0.	4.315E-01	3.957E-01	3.676E-01	3.448E-01	3.257E-01	3.095E-01
2.50	0.	0.	0.	0.	0.	4.487E-01	4.116E-01	3.825E-01	3.587E-01	3.389E-01	3.220E-01
2.75	0.	0.	0.	0.	0.	0.	4.262E-01	3.960E-01	3.715E-01	3.510E-01	3.336E-01
3.00	0.	0.	0.	0.	0.	0.	4.397E-01	4.086E-01	3.833E-01	3.622E-01	3.442E-01
3.25	0.	0.	0.	0.	0.	0.	4.521E-01	4.202E-01	3.942E-01	3.725E-01	3.541E-01
3.50	0.	0.	0.	0.	0.	0.	0.	4.310E-01	4.044E-01	3.822E-01	3.632E-01
3.75	0.	0.	0.	0.	0.	0.	0.	4.411E-01	4.139E-01	3.912E-01	3.718E-01
4.00	0.	0.	0.	0.	0.	0.	0.	0.	4.228E-01	3.996E-01	3.799E-01
4.25	0.	0.	0.	0.	0.	0.	0.	0.	4.312E-01	4.076E-01	3.875E-01
4.50	0.	0.	0.	0.	0.	0.	0.	0.	4.392E-01	4.151E-01	3.946E-01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.222E-01	4.014E-01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.290E-01	4.078E-01

NU VERSUS ETA

DELTA = 0.25 ALPHA = 0.20 PSI = 0.

	OMEGA									
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	3.482E-01	2.541E-01	2.097E-01	1.826E-01	1.639E-01	1.500E-01	1.391E-01	1.302E-01	1.229E-01	1.167E-01
0.50	0.	4.782E-01	3.510E-01	2.904E-01	2.532E-01	2.274E-01	2.081E-01	1.931E-01	1.809E-01	1.707E-01	1.621E-01
0.75	0.	0.	4.208E-01	3.487E-01	3.043E-01	2.735E-01	2.504E-01	2.324E-01	2.177E-01	2.055E-01	1.952E-01
1.00	0.	0.	4.762E-01	3.953E-01	3.452E-01	3.104E-01	2.843E-01	2.639E-01	2.473E-01	2.335E-01	2.218E-01
1.25	0.	0.	0.	4.342E-01	3.795E-01	3.413E-01	3.128E-01	2.904E-01	2.722E-01	2.570E-01	2.441E-01
1.50	0.	0.	0.	4.678E-01	4.091E-01	3.681E-01	3.374E-01	3.132E-01	2.937E-01	2.773E-01	2.635E-01
1.75	0.	0.	0.	0.	4.351E-01	3.916E-01	3.590E-01	3.334E-01	3.126E-01	2.953E-01	2.805E-01
2.00	0.	0.	0.	0.	4.583E-01	4.126E-01	3.784E-01	3.514E-01	3.295E-01	3.113E-01	2.958E-01
2.25	0.	0.	0.	0.	0.	4.316E-01	3.958E-01	3.677E-01	3.448E-01	3.257E-01	3.095E-01
2.50	0.	0.	0.	0.	0.	4.488E-01	4.117E-01	3.825E-01	3.587E-01	3.389E-01	3.221E-01
2.75	0.	0.	0.	0.	0.	0.	4.263E-01	3.961E-01	3.715E-01	3.510E-01	3.336E-01
3.00	0.	0.	0.	0.	0.	0.	4.397E-01	4.086E-01	3.833E-01	3.622E-01	3.442E-01
3.25	0.	0.	0.	0.	0.	0.	4.521E-01	4.202E-01	3.942E-01	3.725E-01	3.541E-01
3.50	0.	0.	0.	0.	0.	0.	0.	4.310E-01	4.044E-01	3.822E-01	3.633E-01
3.75	0.	0.	0.	0.	0.	0.	0.	4.412E-01	4.139E-01	3.912E-01	3.718E-01
4.00	0.	0.	0.	0.	0.	0.	0.	0.	4.229E-01	3.997E-01	3.799E-01
4.25	0.	0.	0.	0.	0.	0.	0.	0.	4.313E-01	4.076E-01	3.875E-01
4.50	0.	0.	0.	0.	0.	0.	0.	0.	4.392E-01	4.151E-01	3.946E-01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.222E-01	4.014E-01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.290E-01	4.078E-01

NU VERSUS ETA

DELTA = 0.50 ALPHA = 0.20 PSI = 0.

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	3.514E-01	2.553E-01	2.104E-01	1.831E-01	1.642E-01	1.502E-01	1.393E-01	1.304E-01	1.230E-01	1.168E-01
0.50	0.	4.810E-01	3.521E-01	2.910E-01	2.536E-01	2.277E-01	2.084E-01	1.932E-01	1.810E-01	1.708E-01	1.622E-01
0.75	0.	0.	4.217E-01	3.492E-01	3.047E-01	2.737E-01	2.506E-01	2.325E-01	2.178E-01	2.056E-01	1.953E-01
1.00	0.	0.	4.770E-01	3.957E-01	3.455E-01	3.106E-01	2.845E-01	2.640E-01	2.474E-01	2.336E-01	2.218E-01
1.25	0.	0.	0.	4.346E-01	3.797E-01	3.415E-01	3.129E-01	2.905E-01	2.722E-01	2.571E-01	2.442E-01
1.50	0.	0.	0.	4.681E-01	4.093E-01	3.682E-01	3.375E-01	3.133E-01	2.937E-01	2.774E-01	2.635E-01
1.75	0.	0.	0.	0.	4.352E-01	3.917E-01	3.591E-01	3.335E-01	3.127E-01	2.953E-01	2.806E-01
2.00	0.	0.	0.	0.	4.584E-01	4.127E-01	3.784E-01	3.515E-01	3.296E-01	3.113E-01	2.958E-01
2.25	0.	0.	0.	0.	0.	4.317E-01	3.959E-01	3.677E-01	3.449E-01	3.258E-01	3.096E-01
2.50	0.	0.	0.	0.	0.	4.489E-01	4.118E-01	3.825E-01	3.588E-01	3.390E-01	3.221E-01
2.75	0.	0.	0.	0.	0.	0.	4.263E-01	3.961E-01	3.716E-01	3.511E-01	3.336E-01
3.00	0.	0.	0.	0.	0.	0.	4.397E-01	4.086E-01	3.833E-01	3.622E-01	3.442E-01
3.25	0.	0.	0.	0.	0.	0.	4.522E-01	4.203E-01	3.943E-01	3.726E-01	3.541E-01
3.50	0.	0.	0.	0.	0.	0.	0.	4.311E-01	4.044E-01	3.822E-01	3.633E-01
3.75	0.	0.	0.	0.	0.	0.	0.	4.412E-01	4.140E-01	3.912E-01	3.719E-01
4.00	0.	0.	0.	0.	0.	0.	0.	0.	4.229E-01	3.997E-01	3.799E-01
4.25	0.	0.	0.	0.	0.	0.	0.	0.	4.313E-01	4.076E-01	3.875E-01
4.50	0.	0.	0.	0.	0.	0.	0.	0.	4.392E-01	4.151E-01	3.946E-01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.222E-01	4.014E-01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.290E-01	4.078E-01

NU VERSUS ETA

DELTA = 0.75 ALPHA = 0.20 PSI = 0.

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	3.546E-01	2.565E-01	2.111E-01	1.835E-01	1.646E-01	1.505E-01	1.395E-01	1.306E-01	1.232E-01	1.169E-01
0.50	0.	4.838E-01	3.532E-01	2.916E-01	2.540E-01	2.280E-01	2.086E-01	1.934E-01	1.812E-01	1.710E-01	1.623E-01
0.75	0.	0.	4.226E-01	3.498E-01	3.050E-01	2.740E-01	2.508E-01	2.327E-01	2.180E-01	2.057E-01	1.954E-01
1.00	0.	0.	4.777E-01	3.961E-01	3.458E-01	3.108E-01	2.846E-01	2.641E-01	2.475E-01	2.337E-01	2.219E-01
1.25	0.	0.	0.	4.349E-01	3.800E-01	3.417E-01	3.130E-01	2.906E-01	2.723E-01	2.571E-01	2.442E-01
1.50	0.	0.	0.	4.684E-01	4.095E-01	3.684E-01	3.376E-01	3.134E-01	2.938E-01	2.775E-01	2.636E-01
1.75	0.	0.	0.	0.	4.354E-01	3.919E-01	3.592E-01	3.336E-01	3.127E-01	2.954E-01	2.806E-01
2.00	0.	0.	0.	0.	4.585E-01	4.128E-01	3.785E-01	3.516E-01	3.296E-01	3.114E-01	2.958E-01
2.25	0.	0.	0.	0.	0.	4.317E-01	3.959E-01	3.678E-01	3.449E-01	3.258E-01	3.096E-01
2.50	0.	0.	0.	0.	0.	4.490E-01	4.118E-01	3.826E-01	3.588E-01	3.390E-01	3.221E-01
2.75	0.	0.	0.	0.	0.	0.	4.264E-01	3.962E-01	3.716E-01	3.511E-01	3.336E-01
3.00	0.	0.	0.	0.	0.	0.	4.398E-01	4.087E-01	3.834E-01	3.622E-01	3.443E-01
3.25	0.	0.	0.	0.	0.	0.	4.522E-01	4.203E-01	3.943E-01	3.726E-01	3.541E-01
3.50	0.	0.	0.	0.	0.	0.	0.	4.311E-01	4.045E-01	3.822E-01	3.633E-01
3.75	0.	0.	0.	0.	0.	0.	0.	4.412E-01	4.140E-01	3.912E-01	3.719E-01
4.00	0.	0.	0.	0.	0.	0.	0.	0.	4.229E-01	3.997E-01	3.799E-01
4.25	0.	0.	0.	0.	0.	0.	0.	0.	4.313E-01	4.076E-01	3.875E-01
4.50	0.	0.	0.	0.	0.	0.	0.	0.	4.392E-01	4.152E-01	3.947E-01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.223E-01	4.014E-01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.290E-01	4.078E-01

NU VERSUS ETA

DELTA = 1.00 ALPHA = 0.20 PSI = 0.

ETA	OMEGA 0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	3.579E-01	2.578E-01	2.118E-01	1.840E-01	1.649E-01	1.507E-01	1.397E-01	1.307E-01	1.233E-01	1.170E-01
0.50	0.	4.867E-01	3.543E-01	2.923E-01	2.544E-01	2.283E-01	2.088E-01	1.936E-01	1.813E-01	1.711E-01	1.624E-01
0.75	0.	0.	4.235E-01	3.503E-01	3.054E-01	2.742E-01	2.510E-01	2.328E-01	2.181E-01	2.059E-01	1.955E-01
1.00	0.	0.	4.785E-01	3.966E-01	3.461E-01	3.110E-01	2.848E-01	2.643E-01	2.476E-01	2.338E-01	2.220E-01
1.25	0.	0.	0.	4.353E-01	3.802E-01	3.419E-01	3.132E-01	2.907E-01	2.724E-01	2.572E-01	2.443E-01
1.50	0.	0.	0.	4.687E-01	4.097E-01	3.685E-01	3.377E-01	3.135E-01	2.939E-01	2.775E-01	2.636E-01
1.75	0.	0.	0.	0.	4.356E-01	3.920E-01	3.593E-01	3.336E-01	3.128E-01	2.954E-01	2.806E-01
2.00	0.	0.	0.	0.	4.587E-01	4.129E-01	3.786E-01	3.516E-01	3.297E-01	3.114E-01	2.959E-01
2.25	0.	0.	0.	0.	0.	4.318E-01	3.960E-01	3.679E-01	3.450E-01	3.259E-01	3.096E-01
2.50	0.	0.	0.	0.	0.	4.490E-01	4.119E-01	3.826E-01	3.589E-01	3.390E-01	3.222E-01
2.75	0.	0.	0.	0.	0.	0.	4.264E-01	3.962E-01	3.716E-01	3.511E-01	3.337E-01
3.00	0.	0.	0.	0.	0.	0.	4.398E-01	4.087E-01	3.834E-01	3.623E-01	3.443E-01
3.25	0.	0.	0.	0.	0.	0.	4.523E-01	4.203E-01	3.943E-01	3.726E-01	3.541E-01
3.50	0.	0.	0.	0.	0.	0.	0.	4.311E-01	4.045E-01	3.822E-01	3.633E-01
3.75	0.	0.	0.	0.	0.	0.	0.	4.412E-01	4.140E-01	3.913E-01	3.719E-01
4.00	0.	0.	0.	0.	0.	0.	0.	0.	4.229E-01	3.997E-01	3.799E-01
4.25	0.	0.	0.	0.	0.	0.	0.	0.	4.313E-01	4.077E-01	3.875E-01
4.50	0.	0.	0.	0.	0.	0.	0.	0.	4.392E-01	4.152E-01	3.947E-01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.223E-01	4.014E-01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.290E-01	4.078E-01

NU VERSUS ETA

DELTA = 0. ALPHA = 0.40 PSI = 0.

ETA	OMEGA 0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	4.528E-01	3.406E-01	2.844E-01	2.492E-01	2.245E-01	2.059E-01	1.913E-01	1.794E-01	1.695E-01	1.610E-01
0.50	0.	0.	4.640E-01	3.882E-01	3.405E-01	3.069E-01	2.816E-01	2.617E-01	2.455E-01	2.320E-01	2.205E-01
0.75	0.	0.	0.	4.603E-01	4.040E-01	3.644E-01	3.345E-01	3.110E-01	2.918E-01	2.757E-01	2.621E-01
1.00	0.	0.	0.	0.	4.531E-01	4.088E-01	3.754E-01	3.491E-01	3.276E-01	3.096E-01	2.944E-01
1.25	0.	0.	0.	0.	0.	4.450E-01	4.088E-01	3.802E-01	3.568E-01	3.373E-01	3.207E-01
1.50	0.	0.	0.	0.	0.	0.	4.368E-01	4.063E-01	3.814E-01	3.606E-01	3.428E-01
1.75	0.	0.	0.	0.	0.	0.	0.	4.287E-01	4.025E-01	3.806E-01	3.619E-01
2.00	0.	0.	0.	0.	0.	0.	0.	0.	4.210E-01	3.981E-01	3.785E-01
2.25	0.	0.	0.	0.	0.	0.	0.	0.	4.373E-01	4.136E-01	3.933E-01
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.274E-01	4.065E-01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.184E-01

NU VERSUS ETA

DELTA = 0.25 ALPHA = 0.40 PSI = 0.

ETA	OMEGA 0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	4.597E-01	3.435E-01	2.861E-01	2.503E-01	2.253E-01	2.065E-01	1.918E-01	1.798E-01	1.698E-01	1.613E-01
0.50	0.	0.	4.665E-01	3.897E-01	3.415E-01	3.076E-01	2.822E-01	2.622E-01	2.459E-01	2.323E-01	2.208E-01
0.75	0.	0.	0.	4.614E-01	4.048E-01	3.650E-01	3.350E-01	3.113E-01	2.921E-01	2.760E-01	2.623E-01
1.00	0.	0.	0.	0.	4.537E-01	4.093E-01	3.758E-01	3.494E-01	3.278E-01	3.098E-01	2.945E-01
1.25	0.	0.	0.	0.	0.	4.454E-01	4.091E-01	3.804E-01	3.570E-01	3.375E-01	3.208E-01
1.50	0.	0.	0.	0.	0.	0.	4.370E-01	4.065E-01	3.815E-01	3.607E-01	3.429E-01
1.75	0.	0.	0.	0.	0.	0.	0.	4.289E-01	4.026E-01	3.807E-01	3.620E-01
2.00	0.	0.	0.	0.	0.	0.	0.	0.	4.211E-01	3.982E-01	3.786E-01
2.25	0.	0.	0.	0.	0.	0.	0.	0.	4.374E-01	4.136E-01	3.934E-01
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.275E-01	4.066E-01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.185E-01

NU VERSUS ETA

DELTA = 0.50 ALPHA = 0.40 PSI = 0.

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	4.669E-01	3.465E-01	2.878E-01	2.515E-01	2.261E-01	2.072E-01	1.923E-01	1.802E-01	1.702E-01	1.616E-01
0.50	0.	0.	4.690E-01	3.911E-01	3.424E-01	3.083E-01	2.827E-01	2.626E-01	2.463E-01	2.326E-01	2.210E-01
0.75	0.	0.	0.	4.626E-01	4.056E-01	3.655E-01	3.354E-01	3.117E-01	2.924E-01	2.762E-01	2.625E-01
1.00	0.	0.	0.	0.	4.544E-01	4.098E-01	3.761E-01	3.497E-01	3.281E-01	3.100E-01	2.947E-01
1.25	0.	0.	0.	0.	0.	4.457E-01	4.093E-01	3.806E-01	3.572E-01	3.376E-01	3.209E-01
1.50	0.	0.	0.	0.	0.	0.	4.372E-01	4.066E-01	3.817E-01	3.608E-01	3.430E-01
1.75	0.	0.	0.	0.	0.	0.	0.	4.290E-01	4.028E-01	3.808E-01	3.621E-01
2.00	0.	0.	0.	0.	0.	0.	0.	0.	4.212E-01	3.982E-01	3.787E-01
2.25	0.	0.	0.	0.	0.	0.	0.	0.	4.375E-01	4.137E-01	3.934E-01
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.276E-01	4.066E-01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.185E-01

NU VERSUS ETA

DELTA = 0.75 ALPHA = 0.40 PSI = 0.

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	4.745E-01	3.496E-01	2.896E-01	2.526E-01	2.270E-01	2.078E-01	1.928E-01	1.807E-01	1.705E-01	1.620E-01
0.50	0.	0.	4.716E-01	3.926E-01	3.434E-01	3.091E-01	2.833E-01	2.631E-01	2.466E-01	2.329E-01	2.213E-01
0.75	0.	0.	0.	4.638E-01	4.064E-01	3.661E-01	3.359E-01	3.120E-01	2.927E-01	2.765E-01	2.627E-01
1.00	0.	0.	0.	0.	4.550E-01	4.102E-01	3.765E-01	3.499E-01	3.283E-01	3.102E-01	2.949E-01
1.25	0.	0.	0.	0.	0.	4.461E-01	4.096E-01	3.808E-01	3.574E-01	3.378E-01	3.211E-01
1.50	0.	0.	0.	0.	0.	0.	4.375E-01	4.068E-01	3.818E-01	3.609E-01	3.431E-01
1.75	0.	0.	0.	0.	0.	0.	0.	4.292E-01	4.029E-01	3.809E-01	3.621E-01
2.00	0.	0.	0.	0.	0.	0.	0.	0.	4.213E-01	3.983E-01	3.788E-01
2.25	0.	0.	0.	0.	0.	0.	0.	0.	4.376E-01	4.138E-01	3.935E-01
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.276E-01	4.067E-01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.186E-01

NU VERSUS ETA

DELTA = 1.00 ALPHA = 0.40 PSI = 0.

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	4.825E-01	3.527E-01	2.913E-01	2.538E-01	2.278E-01	2.085E-01	1.933E-01	1.811E-01	1.709E-01	1.623E-01
0.50	0.	0.	4.742E-01	3.941E-01	3.444E-01	3.098E-01	2.839E-01	2.635E-01	2.470E-01	2.332E-01	2.216E-01
0.75	0.	0.	0.	4.649E-01	4.072E-01	3.667E-01	3.363E-01	3.124E-01	2.930E-01	2.767E-01	2.630E-01
1.00	0.	0.	0.	0.	4.556E-01	4.107E-01	3.769E-01	3.502E-01	3.285E-01	3.104E-01	2.950E-01
1.25	0.	0.	0.	0.	0.	4.465E-01	4.099E-01	3.811E-01	3.576E-01	3.379E-01	3.212E-01
1.50	0.	0.	0.	0.	0.	0.	4.377E-01	4.070E-01	3.820E-01	3.611E-01	3.433E-01
1.75	0.	0.	0.	0.	0.	0.	0.	4.293E-01	4.030E-01	3.810E-01	3.622E-01
2.00	0.	0.	0.	0.	0.	0.	0.	0.	4.214E-01	3.984E-01	3.788E-01
2.25	0.	0.	0.	0.	0.	0.	0.	0.	4.377E-01	4.139E-01	3.935E-01
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.277E-01	4.067E-01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.186E-01

NU VERSUS ETA

DELTA = 0. ALPHA = 0.60 PSI = 0.

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	3.994E-01	3.363E-01	2.959E-01	2.673E-01	2.457E-01	2.286E-01	2.146E-01	2.029E-01	1.929E-01
0.50	0.	0.	0.	4.534E-01	3.994E-01	3.610E-01	3.319E-01	3.088E-01	2.900E-01	2.742E-01	2.608E-01
0.75	0.	0.	0.	0.	0.	4.242E-01	3.901E-01	3.631E-01	3.410E-01	3.225E-01	3.068E-01
1.00	0.	0.	0.	0.	0.	0.	4.340E-01	4.040E-01	3.795E-01	3.590E-01	3.415E-01
1.25	0.	0.	0.	0.	0.	0.	0.	4.366E-01	4.102E-01	3.880E-01	3.691E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	4.355E-01	4.120E-01	3.920E-01
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.324E-01	4.113E-01

NU VERSUS ETA

DELTA = 0.25 ALPHA = 0.60 PSI = 0.

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.040E-01	3.390E-01	2.978E-01	2.687E-01	2.467E-01	2.294E-01	2.153E-01	2.035E-01	1.934E-01
0.50	0.	0.	0.	4.557E-01	4.009E-01	3.621E-01	3.327E-01	3.095E-01	2.906E-01	2.747E-01	2.612E-01
0.75	0.	0.	0.	0.	0.	4.250E-01	3.908E-01	3.636E-01	3.415E-01	3.229E-01	3.071E-01
1.00	0.	0.	0.	0.	0.	0.	4.345E-01	4.044E-01	3.799E-01	3.593E-01	3.417E-01
1.25	0.	0.	0.	0.	0.	0.	0.	4.370E-01	4.105E-01	3.883E-01	3.693E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	4.358E-01	4.122E-01	3.921E-01
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.325E-01	4.115E-01

NU VERSUS ETA

DELTA = 0.50 ALPHA = 0.60 PSI = 0.

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.088E-01	3.418E-01	2.997E-01	2.701E-01	2.478E-01	2.303E-01	2.160E-01	2.041E-01	1.940E-01
0.50	0.	0.	0.	4.580E-01	4.025E-01	3.632E-01	3.336E-01	3.102E-01	2.912E-01	2.752E-01	2.617E-01
0.75	0.	0.	0.	0.	0.	4.259E-01	3.915E-01	3.642E-01	3.419E-01	3.233E-01	3.074E-01
1.00	0.	0.	0.	0.	0.	0.	4.350E-01	4.049E-01	3.802E-01	3.596E-01	3.420E-01
1.25	0.	0.	0.	0.	0.	0.	0.	4.373E-01	4.107E-01	3.885E-01	3.695E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	4.360E-01	4.124E-01	3.923E-01
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.327E-01	4.116E-01

NU VERSUS ETA

DELTA = 0.75 ALPHA = 0.60 PSI = 0.

	OMEGA										
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.138E-01	3.447E-01	3.017E-01	2.715E-01	2.489E-01	2.312E-01	2.167E-01	2.047E-01	1.945E-01
0.50	0.	0.	0.	4.603E-01	4.040E-01	3.644E-01	3.345E-01	3.110E-01	2.918E-01	2.757E-01	2.621E-01
0.75	0.	0.	0.	0.	0.	4.268E-01	3.921E-01	3.647E-01	3.424E-01	3.237E-01	3.078E-01
1.00	0.	0.	0.	0.	0.	0.	4.356E-01	4.053E-01	3.806E-01	3.599E-01	3.422E-01
1.25	0.	0.	0.	0.	0.	0.	0.	4.376E-01	4.110E-01	3.887E-01	3.697E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	4.362E-01	4.126E-01	3.925E-01
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.328E-01	4.117E-01

NU VERSUS ETA

DELTA = 1.00 ALPHA = 0.60 PSI = 0.

	OMEGA										
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.190E-01	3.477E-01	3.036E-01	2.730E-01	2.500E-01	2.321E-01	2.175E-01	2.053E-01	1.950E-01
0.50	0.	0.	0.	4.626E-01	4.056E-01	3.656E-01	3.354E-01	3.117E-01	2.924E-01	2.763E-01	2.625E-01
0.75	0.	0.	0.	0.	0.	4.277E-01	3.928E-01	3.653E-01	3.428E-01	3.241E-01	3.081E-01
1.00	0.	0.	0.	0.	0.	0.	4.361E-01	4.057E-01	3.809E-01	3.602E-01	3.425E-01
1.25	0.	0.	0.	0.	0.	0.	0.	4.380E-01	4.113E-01	3.890E-01	3.699E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	4.364E-01	4.128E-01	3.926E-01
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.330E-01	4.118E-01

NU VERSUS ETA

DELTA = 0. ALPHA = 0.80 PSI = 0.

	OMEGA										
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.434E-01	3.759E-01	3.321E-01	3.007E-01	2.768E-01	2.579E-01	2.423E-01	2.293E-01	2.182E-01
0.50	0.	0.	0.	0.	4.436E-01	4.018E-01	3.700E-01	3.447E-01	3.239E-01	3.066E-01	2.917E-01
0.75	0.	0.	0.	0.	0.	0.	4.312E-01	4.018E-01	3.777E-01	3.574E-01	3.401E-01
1.00	0.	0.	0.	0.	0.	0.	0.	4.440E-01	4.173E-01	3.950E-01	3.759E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.245E-01	4.039E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.268E-01

NU VERSUS ETA

DELTA = 0.25 ALPHA = 0.80 PSI = 0.

	OMEGA										
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.497E-01	3.797E-01	3.347E-01	3.027E-01	2.783E-01	2.591E-01	2.433E-01	2.301E-01	2.189E-01
0.50	0.	0.	0.	0.	4.456E-01	4.033E-01	3.712E-01	3.456E-01	3.247E-01	3.072E-01	2.923E-01
0.75	0.	0.	0.	0.	0.	0.	4.321E-01	4.025E-01	3.783E-01	3.579E-01	3.405E-01
1.00	0.	0.	0.	0.	0.	0.	0.	4.445E-01	4.178E-01	3.954E-01	3.762E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.247E-01	4.042E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.270E-01

NU VERSUS ETA

DELTA = 0.50 ALPHA = 0.80 PSI = 0.

	OMEGA										
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.563E-01	3.836E-01	3.374E-01	3.046E-01	2.799E-01	2.603E-01	2.444E-01	2.310E-01	2.196E-01
0.50	0.	0.	0.	0.	4.477E-01	4.049E-01	3.724E-01	3.466E-01	3.256E-01	3.079E-01	2.929E-01
0.75	0.	0.	0.	0.	0.	0.	4.330E-01	4.032E-01	3.789E-01	3.584E-01	3.410E-01
1.00	0.	0.	0.	0.	0.	0.	0.	0.	4.182E-01	3.957E-01	3.765E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.250E-01	4.044E-01

NU VERSUS ETA

DELTA = 0.75 ALPHA = 0.80 PSI = 0.

	OMEGA										
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.631E-01	3.877E-01	3.401E-01	3.067E-01	2.814E-01	2.616E-01	2.454E-01	2.319E-01	2.204E-01
0.50	0.	0.	0.	0.	4.499E-01	4.065E-01	3.736E-01	3.476E-01	3.264E-01	3.086E-01	2.935E-01
0.75	0.	0.	0.	0.	0.	0.	4.339E-01	4.040E-01	3.795E-01	3.589E-01	3.414E-01
1.00	0.	0.	0.	0.	0.	0.	0.	0.	4.187E-01	3.961E-01	3.769E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.253E-01	4.047E-01

NU VERSUS ETA

DELTA = 1.00 ALPHA = 0.80 PSI = 0.

	OMEGA										
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.703E-01	3.919E-01	3.430E-01	3.087E-01	2.830E-01	2.629E-01	2.465E-01	2.328E-01	2.212E-01
0.50	0.	0.	0.	0.	4.520E-01	4.080E-01	3.748E-01	3.486E-01	3.272E-01	3.093E-01	2.941E-01
0.75	0.	0.	0.	0.	0.	0.	4.348E-01	4.047E-01	3.801E-01	3.595E-01	3.419E-01
1.00	0.	0.	0.	0.	0.	0.	0.	0.	4.191E-01	3.965E-01	3.772E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.256E-01	4.049E-01

NU VERSUS ETA

DELTA = 0. ALPHA = 1.00 PSI = 0.

	OMEGA										
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	0.	4.079E-01	3.615E-01	3.281E-01	3.025E-01	2.821E-01	2.653E-01	2.512E-01	2.391E-01
0.50	0.	0.	0.	0.	0.	4.344E-01	4.005E-01	3.735E-01	3.513E-01	3.326E-01	3.166E-01
0.75	0.	0.	0.	0.	0.	0.	0.	4.323E-01	4.066E-01	3.850E-01	3.665E-01
1.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.230E-01	4.027E-01

NU VERSUS ETA

DELTA = 0.25 ALPHA = 1.00 PSI = 0.

	OMEGA										
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	0.	4.127E-01	3.649E-01	3.306E-01	3.044E-01	2.836E-01	2.666E-01	2.523E-01	2.401E-01
0.50	0.	0.	0.	0.	0.	4.363E-01	4.020E-01	3.747E-01	3.523E-01	3.335E-01	3.174E-01
0.75	0.	0.	0.	0.	0.	0.	0.	4.332E-01	4.073E-01	3.856E-01	3.670E-01
1.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.234E-01	4.031E-01

NU VERSUS ETA

DELTA = 0.50 ALPHA = 1.00 PSI = 0.

	OMEGA										
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	0.	4.177E-01	3.683E-01	3.331E-01	3.064E-01	2.852E-01	2.679E-01	2.534E-01	2.411E-01
0.50	0.	0.	0.	0.	0.	4.383E-01	4.035E-01	3.759E-01	3.533E-01	3.343E-01	3.181E-01
0.75	0.	0.	0.	0.	0.	0.	0.	4.340E-01	4.080E-01	3.862E-01	3.675E-01
1.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.239E-01	4.035E-01

NU VERSUS ETA

DELTA = 0.75 ALPHA = 1.00 PSI = 0.

	OMEGA										
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	0.	4.229E-01	3.719E-01	3.357E-01	3.085E-01	2.869E-01	2.693E-01	2.546E-01	2.420E-01
0.50	0.	0.	0.	0.	0.	4.402E-01	4.050E-01	3.771E-01	3.543E-01	3.352E-01	3.189E-01
0.75	0.	0.	0.	0.	0.	0.	0.	4.349E-01	4.088E-01	3.868E-01	3.681E-01
1.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.244E-01	4.039E-01

NU VERSUS ETA

DELTA = 1.00 ALPHA = 1.00 PSI = 0.

	OMEGA										
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	0.	4.283E-01	3.755E-01	3.384E-01	3.105E-01	2.886E-01	2.707E-01	2.557E-01	2.430E-01
0.50	0.	0.	0.	0.	0.	4.422E-01	4.066E-01	3.784E-01	3.553E-01	3.361E-01	3.196E-01
0.75	0.	0.	0.	0.	0.	0.	0.	4.358E-01	4.095E-01	3.875E-01	3.686E-01
1.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.248E-01	4.043E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

NU VERSUS ETA

DELTA = 0. ALPHA = 0.20 PSI = 0.02

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	3.450E-01	2.528E-01	2.090E-01	1.821E-01	1.635E-01	1.497E-01	1.388E-01	1.300E-01	1.227E-01	1.165E-01
0.50	0.	4.752E-01	3.497E-01	2.896E-01	2.526E-01	2.269E-01	2.078E-01	1.928E-01	1.806E-01	1.705E-01	1.619E-01
0.75	0.	0.	4.195E-01	3.479E-01	3.037E-01	2.730E-01	2.500E-01	2.320E-01	2.174E-01	2.052E-01	1.949E-01
1.00	0.	0.	4.749E-01	3.944E-01	3.445E-01	3.098E-01	2.838E-01	2.634E-01	2.469E-01	2.331E-01	2.214E-01
1.25	0.	0.	0.	4.332E-01	3.787E-01	3.407E-01	3.122E-01	2.898E-01	2.717E-01	2.565E-01	2.437E-01
1.50	0.	0.	0.	4.667E-01	4.082E-01	3.673E-01	3.367E-01	3.126E-01	2.931E-01	2.768E-01	2.630E-01
1.75	0.	0.	0.	0.	4.341E-01	3.908E-01	3.582E-01	3.327E-01	3.119E-01	2.946E-01	2.799E-01
2.00	0.	0.	0.	0.	4.572E-01	4.116E-01	3.775E-01	3.506E-01	3.288E-01	3.106E-01	2.951E-01
2.25	0.	0.	0.	0.	0.	4.305E-01	3.948E-01	3.668E-01	3.440E-01	3.250E-01	3.088E-01
2.50	0.	0.	0.	0.	0.	4.476E-01	4.106E-01	3.815E-01	3.578E-01	3.381E-01	3.213E-01
2.75	0.	0.	0.	0.	0.	0.	4.251E-01	3.950E-01	3.705E-01	3.501E-01	3.327E-01
3.00	0.	0.	0.	0.	0.	0.	4.384E-01	4.074E-01	3.822E-01	3.612E-01	3.432E-01
3.25	0.	0.	0.	0.	0.	0.	4.508E-01	4.190E-01	3.931E-01	3.714E-01	3.530E-01
3.50	0.	0.	0.	0.	0.	0.	0.	4.297E-01	4.031E-01	3.810E-01	3.621E-01
3.75	0.	0.	0.	0.	0.	0.	0.	4.397E-01	4.126E-01	3.899E-01	3.706E-01
4.00	0.	0.	0.	0.	0.	0.	0.	0.	4.214E-01	3.983E-01	3.786E-01
4.25	0.	0.	0.	0.	0.	0.	0.	0.	4.297E-01	4.062E-01	3.861E-01
4.50	0.	0.	0.	0.	0.	0.	0.	0.	4.376E-01	4.136E-01	3.932E-01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.207E-01	3.999E-01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.273E-01	4.063E-01

NU VERSUS ETA

DELTA = 0.25 ALPHA = 0.20 PSI = 0.02

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	3.481E-01	2.540E-01	2.097E-01	1.826E-01	1.639E-01	1.499E-01	1.390E-01	1.302E-01	1.229E-01	1.166E-01
0.50	0.	4.779E-01	3.508E-01	2.902E-01	2.530E-01	2.272E-01	2.080E-01	1.929E-01	1.807E-01	1.706E-01	1.620E-01
0.75	0.	0.	4.204E-01	3.484E-01	3.040E-01	2.732E-01	2.502E-01	2.321E-01	2.175E-01	2.053E-01	1.950E-01
1.00	0.	0.	4.756E-01	3.948E-01	3.448E-01	3.100E-01	2.840E-01	2.635E-01	2.470E-01	2.332E-01	2.215E-01
1.25	0.	0.	0.	4.336E-01	3.790E-01	3.408E-01	3.123E-01	2.899E-01	2.718E-01	2.566E-01	2.438E-01
1.50	0.	0.	0.	4.670E-01	4.084E-01	3.675E-01	3.368E-01	3.127E-01	2.932E-01	2.769E-01	2.630E-01
1.75	0.	0.	0.	0.	4.343E-01	3.909E-01	3.583E-01	3.328E-01	3.120E-01	2.947E-01	2.800E-01
2.00	0.	0.	0.	0.	4.573E-01	4.118E-01	3.776E-01	3.507E-01	3.288E-01	3.106E-01	2.951E-01
2.25	0.	0.	0.	0.	0.	4.305E-01	3.949E-01	3.668E-01	3.440E-01	3.250E-01	3.088E-01
2.50	0.	0.	0.	0.	0.	4.477E-01	4.107E-01	3.816E-01	3.579E-01	3.381E-01	3.213E-01
2.75	0.	0.	0.	0.	0.	0.	4.251E-01	3.950E-01	3.705E-01	3.501E-01	3.327E-01
3.00	0.	0.	0.	0.	0.	0.	4.385E-01	4.075E-01	3.822E-01	3.612E-01	3.433E-01
3.25	0.	0.	0.	0.	0.	0.	4.508E-01	4.190E-01	3.931E-01	3.714E-01	3.530E-01
3.50	0.	0.	0.	0.	0.	0.	0.	4.297E-01	4.032E-01	3.810E-01	3.621E-01
3.75	0.	0.	0.	0.	0.	0.	0.	4.397E-01	4.126E-01	3.899E-01	3.706E-01
4.00	0.	0.	0.	0.	0.	0.	0.	0.	4.214E-01	3.983E-01	3.786E-01
4.25	0.	0.	0.	0.	0.	0.	0.	0.	4.298E-01	4.062E-01	3.861E-01
4.50	0.	0.	0.	0.	0.	0.	0.	0.	4.376E-01	4.136E-01	3.932E-01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.207E-01	3.999E-01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.273E-01	4.063E-01

NU VERSUS ETA

DELTA = 0.50 ALPHA = 0.20 PSI = 0.02

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	3.513E-01	2.552E-01	2.103E-01	1.830E-01	1.642E-01	1.502E-01	1.392E-01	1.304E-01	1.230E-01	1.168E-01
0.50	0.	4.807E-01	3.519E-01	2.908E-01	2.534E-01	2.275E-01	2.082E-01	1.931E-01	1.809E-01	1.707E-01	1.621E-01
0.75	0.	0.	4.213E-01	3.489E-01	3.044E-01	2.735E-01	2.504E-01	2.323E-01	2.176E-01	2.054E-01	1.951E-01
1.00	0.	0.	4.764E-01	3.952E-01	3.451E-01	3.102E-01	2.841E-01	2.637E-01	2.471E-01	2.333E-01	2.216E-01
1.25	0.	0.	0.	4.340E-01	3.792E-01	3.410E-01	3.125E-01	2.900E-01	2.718E-01	2.567E-01	2.438E-01
1.50	0.	0.	0.	4.673E-01	4.086E-01	3.676E-01	3.369E-01	3.128E-01	2.932E-01	2.769E-01	2.631E-01
1.75	0.	0.	0.	0.	4.344E-01	3.910E-01	3.584E-01	3.329E-01	3.121E-01	2.947E-01	2.800E-01
2.00	0.	0.	0.	0.	4.574E-01	4.119E-01	3.776E-01	3.508E-01	3.289E-01	3.107E-01	2.952E-01
2.25	0.	0.	0.	0.	0.	4.307E-01	3.950E-01	3.669E-01	3.441E-01	3.250E-01	3.088E-01
2.50	0.	0.	0.	0.	0.	4.478E-01	4.107E-01	3.816E-01	3.579E-01	3.381E-01	3.213E-01
2.75	0.	0.	0.	0.	0.	0.	4.252E-01	3.951E-01	3.706E-01	3.501E-01	3.327E-01
3.00	0.	0.	0.	0.	0.	0.	4.385E-01	4.075E-01	3.823E-01	3.612E-01	3.433E-01
3.25	0.	0.	0.	0.	0.	0.	4.509E-01	4.190E-01	3.931E-01	3.715E-01	3.531E-01
3.50	0.	0.	0.	0.	0.	0.	0.	4.297E-01	4.032E-01	3.810E-01	3.622E-01
3.75	0.	0.	0.	0.	0.	0.	0.	4.398E-01	4.126E-01	3.900E-01	3.707E-01
4.00	0.	0.	0.	0.	0.	0.	0.	0.	4.215E-01	3.983E-01	3.786E-01
4.25	0.	0.	0.	0.	0.	0.	0.	0.	4.298E-01	4.062E-01	3.862E-01
4.50	0.	0.	0.	0.	0.	0.	0.	0.	4.376E-01	4.137E-01	3.932E-01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.207E-01	3.999E-01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.273E-01	4.063E-01

NU VERSUS ETA

DELTA = 0.75 ALPHA = 0.20 PSI = 0.02

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	3.545E-01	2.564E-01	2.110E-01	1.835E-01	1.645E-01	1.504E-01	1.394E-01	1.305E-01	1.231E-01	1.169E-01
0.50	0.	4.835E-01	3.530E-01	2.914E-01	2.538E-01	2.278E-01	2.084E-01	1.933E-01	1.810E-01	1.709E-01	1.622E-01
0.75	0.	0.	4.222E-01	3.494E-01	3.047E-01	2.737E-01	2.506E-01	2.324E-01	2.178E-01	2.056E-01	1.952E-01
1.00	0.	0.	4.771E-01	3.957E-01	3.454E-01	3.104E-01	2.843E-01	2.638E-01	2.472E-01	2.334E-01	2.216E-01
1.25	0.	0.	0.	4.343E-01	3.794E-01	3.412E-01	3.126E-01	2.901E-01	2.719E-01	2.568E-01	2.439E-01
1.50	0.	0.	0.	4.676E-01	4.088E-01	3.678E-01	3.370E-01	3.129E-01	2.933E-01	2.770E-01	2.631E-01
1.75	0.	0.	0.	0.	4.346E-01	3.911E-01	3.585E-01	3.329E-01	3.121E-01	2.948E-01	2.801E-01
2.00	0.	0.	0.	0.	4.576E-01	4.120E-01	3.777E-01	3.508E-01	3.289E-01	3.107E-01	2.952E-01
2.25	0.	0.	0.	0.	0.	4.308E-01	3.950E-01	3.670E-01	3.441E-01	3.251E-01	3.089E-01
2.50	0.	0.	0.	0.	0.	4.478E-01	4.108E-01	3.817E-01	3.579E-01	3.382E-01	3.213E-01
2.75	0.	0.	0.	0.	0.	0.	4.252E-01	3.951E-01	3.706E-01	3.502E-01	3.328E-01
3.00	0.	0.	0.	0.	0.	0.	4.386E-01	4.075E-01	3.823E-01	3.612E-01	3.433E-01
3.25	0.	0.	0.	0.	0.	0.	4.509E-01	4.191E-01	3.931E-01	3.715E-01	3.531E-01
3.50	0.	0.	0.	0.	0.	0.	0.	4.298E-01	4.032E-01	3.810E-01	3.622E-01
3.75	0.	0.	0.	0.	0.	0.	0.	4.398E-01	4.126E-01	3.900E-01	3.707E-01
4.00	0.	0.	0.	0.	0.	0.	0.	0.	4.215E-01	3.984E-01	3.787E-01
4.25	0.	0.	0.	0.	0.	0.	0.	0.	4.298E-01	4.062E-01	3.862E-01
4.50	0.	0.	0.	0.	0.	0.	0.	0.	4.376E-01	4.137E-01	3.932E-01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.207E-01	3.999E-01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.274E-01	4.063E-01

NU VERSUS ETA

DELTA = 1.00 ALPHA = 0.20 PSI = 0.02

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	3.578E-01	2.577E-01	2.117E-01	1.839E-01	1.648E-01	1.507E-01	1.396E-01	1.307E-01	1.233E-01	1.170E-01
0.50	0.	4.864E-01	3.541E-01	2.921E-01	2.542E-01	2.281E-01	2.087E-01	1.935E-01	1.812E-01	1.710E-01	1.623E-01
0.75	0.	0.	4.231E-01	3.500E-01	3.051E-01	2.740E-01	2.508E-01	2.326E-01	2.179E-01	2.057E-01	1.953E-01
1.00	0.	0.	4.779E-01	3.961E-01	3.457E-01	3.106E-01	2.844E-01	2.639E-01	2.473E-01	2.335E-01	2.217E-01
1.25	0.	0.	0.	4.347E-01	3.797E-01	3.414E-01	3.127E-01	2.902E-01	2.720E-01	2.568E-01	2.440E-01
1.50	0.	0.	0.	4.679E-01	4.090E-01	3.679E-01	3.371E-01	3.130E-01	2.934E-01	2.770E-01	2.632E-01
1.75	0.	0.	0.	0.	4.348E-01	3.912E-01	3.586E-01	3.330E-01	3.122E-01	2.949E-01	2.801E-01
2.00	0.	0.	0.	0.	4.577E-01	4.121E-01	3.778E-01	3.509E-01	3.290E-01	3.108E-01	2.952E-01
2.25	0.	0.	0.	0.	0.	4.308E-01	3.951E-01	3.670E-01	3.442E-01	3.251E-01	3.089E-01
2.50	0.	0.	0.	0.	0.	4.479E-01	4.109E-01	3.817E-01	3.580E-01	3.382E-01	3.214E-01
2.75	0.	0.	0.	0.	0.	0.	4.253E-01	3.952E-01	3.706E-01	3.502E-01	3.328E-01
3.00	0.	0.	0.	0.	0.	0.	4.386E-01	4.076E-01	3.823E-01	3.613E-01	3.433E-01
3.25	0.	0.	0.	0.	0.	0.	4.509E-01	4.191E-01	3.932E-01	3.715E-01	3.531E-01
3.50	0.	0.	0.	0.	0.	0.	0.	4.298E-01	4.032E-01	3.811E-01	3.622E-01
3.75	0.	0.	0.	0.	0.	0.	0.	4.398E-01	4.127E-01	3.900E-01	3.707E-01
4.00	0.	0.	0.	0.	0.	0.	0.	0.	4.215E-01	3.984E-01	3.787E-01
4.25	0.	0.	0.	0.	0.	0.	0.	0.	4.298E-01	4.062E-01	3.862E-01
4.50	0.	0.	0.	0.	0.	0.	0.	0.	4.377E-01	4.137E-01	3.933E-01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.207E-01	4.000E-01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.274E-01	4.063E-01

NU VERSUS ETA

DELTA = 0. ALPHA = 0.40 PSI = 0.02

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	4.525E-01	3.404E-01	2.842E-01	2.490E-01	2.243E-01	2.058E-01	1.911E-01	1.793E-01	1.694E-01	1.609E-01
0.50	0.	0.	4.634E-01	3.877E-01	3.401E-01	3.065E-01	2.813E-01	2.614E-01	2.452E-01	2.317E-01	2.202E-01
0.75	0.	0.	0.	4.595E-01	4.034E-01	3.638E-01	3.340E-01	3.104E-01	2.913E-01	2.753E-01	2.617E-01
1.00	0.	0.	0.	0.	4.522E-01	4.080E-01	3.747E-01	3.484E-01	3.269E-01	3.090E-01	2.937E-01
1.25	0.	0.	0.	0.	0.	4.439E-01	4.078E-01	3.792E-01	3.559E-01	3.365E-01	3.199E-01
1.50	0.	0.	0.	0.	0.	0.	4.356E-01	4.051E-01	3.803E-01	3.596E-01	3.419E-01
1.75	0.	0.	0.	0.	0.	0.	0.	4.274E-01	4.013E-01	3.794E-01	3.608E-01
2.00	0.	0.	0.	0.	0.	0.	0.	0.	4.196E-01	3.967E-01	3.773E-01
2.25	0.	0.	0.	0.	0.	0.	0.	0.	4.358E-01	4.121E-01	3.919E-01
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.258E-01	4.050E-01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.168E-01

NU VERSUS ETA

DELTA = 0.25 ALPHA = 0.40 PSI = 0.02

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	4.594E-01	3.433E-01	2.859E-01	2.502E-01	2.251E-01	2.064E-01	1.917E-01	1.797E-01	1.697E-01	1.612E-01
0.50	0.	0.	4.659E-01	3.892E-01	3.411E-01	3.073E-01	2.819E-01	2.619E-01	2.456E-01	2.320E-01	2.205E-01
0.75	0.	0.	0.	4.607E-01	4.041E-01	3.644E-01	3.344E-01	3.108E-01	2.916E-01	2.755E-01	2.619E-01
1.00	0.	0.	0.	0.	4.528E-01	4.084E-01	3.750E-01	3.486E-01	3.271E-01	3.092E-01	2.939E-01
1.25	0.	0.	0.	0.	0.	4.443E-01	4.080E-01	3.794E-01	3.561E-01	3.366E-01	3.200E-01
1.50	0.	0.	0.	0.	0.	0.	4.358E-01	4.053E-01	3.805E-01	3.597E-01	3.420E-01
1.75	0.	0.	0.	0.	0.	0.	0.	4.276E-01	4.014E-01	3.795E-01	3.608E-01
2.00	0.	0.	0.	0.	0.	0.	0.	0.	4.197E-01	3.968E-01	3.773E-01
2.25	0.	0.	0.	0.	0.	0.	0.	0.	4.359E-01	4.122E-01	3.920E-01
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.259E-01	4.050E-01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.168E-01

NU VERSUS ETA

DELTA = 0.50 ALPHA = 0.40 PSI = 0.02

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	4.666E-01	3.463E-01	2.876E-01	2.513E-01	2.260E-01	2.070E-01	1.922E-01	1.801E-01	1.701E-01	1.615E-01
0.50	0.	0.	4.684E-01	3.907E-01	3.420E-01	3.080E-01	2.824E-01	2.623E-01	2.460E-01	2.323E-01	2.208E-01
0.75	0.	0.	0.	4.618E-01	4.049E-01	3.649E-01	3.348E-01	3.112E-01	2.919E-01	2.758E-01	2.621E-01
1.00	0.	0.	0.	0.	4.534E-01	4.089E-01	3.754E-01	3.489E-01	3.274E-01	3.094E-01	2.941E-01
1.25	0.	0.	0.	0.	0.	4.446E-01	4.083E-01	3.797E-01	3.563E-01	3.368E-01	3.201E-01
1.50	0.	0.	0.	0.	0.	0.	4.360E-01	4.055E-01	3.806E-01	3.598E-01	3.421E-01
1.75	0.	0.	0.	0.	0.	0.	0.	4.277E-01	4.015E-01	3.796E-01	3.609E-01
2.00	0.	0.	0.	0.	0.	0.	0.	0.	4.198E-01	3.969E-01	3.774E-01
2.25	0.	0.	0.	0.	0.	0.	0.	0.	4.359E-01	4.122E-01	3.920E-01
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.259E-01	4.051E-01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.169E-01

NU VERSUS ETA

DELTA = 0.75 ALPHA = 0.40 PSI = 0.02

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	4.742E-01	3.493E-01	2.894E-01	2.525E-01	2.268E-01	2.077E-01	1.927E-01	1.805E-01	1.704E-01	1.618E-01
0.50	0.	0.	4.710E-01	3.921E-01	3.430E-01	3.087E-01	2.830E-01	2.628E-01	2.463E-01	2.326E-01	2.210E-01
0.75	0.	0.	0.	4.630E-01	4.057E-01	3.655E-01	3.353E-01	3.115E-01	2.922E-01	2.760E-01	2.623E-01
1.00	0.	0.	0.	0.	4.540E-01	4.093E-01	3.757E-01	3.492E-01	3.276E-01	3.096E-01	2.942E-01
1.25	0.	0.	0.	0.	0.	4.450E-01	4.086E-01	3.799E-01	3.565E-01	3.369E-01	3.203E-01
1.50	0.	0.	0.	0.	0.	0.	4.362E-01	4.057E-01	3.808E-01	3.599E-01	3.422E-01
1.75	0.	0.	0.	0.	0.	0.	0.	4.279E-01	4.016E-01	3.797E-01	3.610E-01
2.00	0.	0.	0.	0.	0.	0.	0.	0.	4.199E-01	3.970E-01	3.775E-01
2.25	0.	0.	0.	0.	0.	0.	0.	0.	4.360E-01	4.123E-01	3.921E-01
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.260E-01	4.051E-01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.169E-01

NU VERSUS ETA

DELTA = 1.00 ALPHA = 0.40 PSI = 0.02

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	4.821E-01	3.525E-01	2.911E-01	2.536E-01	2.277E-01	2.083E-01	1.932E-01	1.810E-01	1.708E-01	1.622E-01
0.50	0.	0.	4.736E-01	3.936E-01	3.440E-01	3.094E-01	2.835E-01	2.632E-01	2.467E-01	2.330E-01	2.213E-01
0.75	0.	0.	0.	4.642E-01	4.065E-01	3.661E-01	3.357E-01	3.119E-01	2.925E-01	2.763E-01	2.625E-01
1.00	0.	0.	0.	0.	4.546E-01	4.098E-01	3.761E-01	3.495E-01	3.278E-01	3.098E-01	2.944E-01
1.25	0.	0.	0.	0.	0.	4.454E-01	4.089E-01	3.801E-01	3.567E-01	3.371E-01	3.204E-01
1.50	0.	0.	0.	0.	0.	0.	4.365E-01	4.059E-01	3.809E-01	3.601E-01	3.423E-01
1.75	0.	0.	0.	0.	0.	0.	0.	4.280E-01	4.018E-01	3.798E-01	3.611E-01
2.00	0.	0.	0.	0.	0.	0.	0.	0.	4.200E-01	3.971E-01	3.776E-01
2.25	0.	0.	0.	0.	0.	0.	0.	0.	4.361E-01	4.124E-01	3.921E-01
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.261E-01	4.052E-01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.169E-01

NU VERSUS ETA

DELTA = 0. ALPHA = 0.60 PSI = 0.02

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	3.990E-01	3.359E-01	2.956E-01	2.671E-01	2.454E-01	2.283E-01	2.144E-01	2.027E-01	1.927E-01
0.50	0.	0.	0.	4.526E-01	3.987E-01	3.604E-01	3.313E-01	3.083E-01	2.895E-01	2.738E-01	2.604E-01
0.75	0.	0.	0.	0.	0.	4.232E-01	3.892E-01	3.623E-01	3.402E-01	3.218E-01	3.061E-01
1.00	0.	0.	0.	0.	0.	0.	4.328E-01	4.029E-01	3.784E-01	3.580E-01	3.405E-01
1.25	0.	0.	0.	0.	0.	0.	0.	4.352E-01	4.089E-01	3.868E-01	3.679E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	4.340E-01	4.106E-01	3.906E-01
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.307E-01	4.097E-01

NU VERSUS ETA

DELTA = 0.25 ALPHA = 0.60 PSI = 0.02

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.036E-01	3.387E-01	2.975E-01	2.684E-01	2.465E-01	2.292E-01	2.151E-01	2.033E-01	1.933E-01
0.50	0.	0.	0.	4.549E-01	4.002E-01	3.615E-01	3.322E-01	3.090E-01	2.901E-01	2.743E-01	2.608E-01
0.75	0.	0.	0.	0.	0.	4.241E-01	3.899E-01	3.628E-01	3.407E-01	3.222E-01	3.064E-01
1.00	0.	0.	0.	0.	0.	0.	4.333E-01	4.033E-01	3.788E-01	3.583E-01	3.408E-01
1.25	0.	0.	0.	0.	0.	0.	0.	4.356E-01	4.091E-01	3.870E-01	3.681E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	4.342E-01	4.108E-01	3.907E-01
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.308E-01	4.099E-01

NU VERSUS ETA

DELTA = 0.50 ALPHA = 0.60 PSI = 0.02

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.085E-01	3.415E-01	2.994E-01	2.698E-01	2.476E-01	2.301E-01	2.158E-01	2.039E-01	1.938E-01
0.50	0.	0.	0.	4.572E-01	4.018E-01	3.626E-01	3.331E-01	3.097E-01	2.907E-01	2.748E-01	2.612E-01
0.75	0.	0.	0.	0.	0.	4.250E-01	3.906E-01	3.634E-01	3.411E-01	3.226E-01	3.067E-01
1.00	0.	0.	0.	0.	0.	0.	4.338E-01	4.037E-01	3.791E-01	3.586E-01	3.410E-01
1.25	0.	0.	0.	0.	0.	0.	0.	4.359E-01	4.094E-01	3.872E-01	3.683E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	4.344E-01	4.109E-01	3.909E-01
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.310E-01	4.100E-01

NU VERSUS ETA

DELTA = 0.75 ALPHA = 0.60 PSI = 0.02

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.134E-01	3.444E-01	3.014E-01	2.713E-01	2.487E-01	2.309E-01	2.165E-01	2.045E-01	1.943E-01
0.50	0.	0.	0.	4.595E-01	4.034E-01	3.638E-01	3.340E-01	3.104E-01	2.913E-01	2.753E-01	2.617E-01
0.75	0.	0.	0.	0.	0.	4.258E-01	3.912E-01	3.639E-01	3.416E-01	3.229E-01	3.071E-01
1.00	0.	0.	0.	0.	0.	0.	4.343E-01	4.041E-01	3.795E-01	3.589E-01	3.413E-01
1.25	0.	0.	0.	0.	0.	0.	0.	4.362E-01	4.097E-01	3.875E-01	3.685E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	4.346E-01	4.111E-01	3.910E-01
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.311E-01	4.101E-01

NU VERSUS ETA

DELTA = 1.00 ALPHA = 0.60 PSI = 0.02

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.186E-01	3.474E-01	3.034E-01	2.727E-01	2.498E-01	2.318E-01	2.173E-01	2.051E-01	1.948E-01
0.50	0.	0.	0.	4.619E-01	4.050E-01	3.650E-01	3.349E-01	3.112E-01	2.919E-01	2.758E-01	2.621E-01
0.75	0.	0.	0.	0.	0.	4.267E-01	3.919E-01	3.645E-01	3.421E-01	3.233E-01	3.074E-01
1.00	0.	0.	0.	0.	0.	0.	4.349E-01	4.046E-01	3.798E-01	3.592E-01	3.415E-01
1.25	0.	0.	0.	0.	0.	0.	0.	4.365E-01	4.100E-01	3.877E-01	3.687E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	4.348E-01	4.113E-01	3.912E-01
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.313E-01	4.102E-01

NU VERSUS ETA

DELTA = 0. ALPHA = 0.80 PSI = 0.02

	OMEGA										
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.428E-01	3.754E-01	3.317E-01	3.003E-01	2.765E-01	2.575E-01	2.420E-01	2.290E-01	2.179E-01
0.50	0.	0.	0.	0.	4.426E-01	4.010E-01	3.692E-01	3.439E-01	3.233E-01	3.059E-01	2.911E-01
0.75	0.	0.	0.	0.	0.	0.	4.300E-01	4.007E-01	3.766E-01	3.564E-01	3.392E-01
1.00	0.	0.	0.	0.	0.	0.	0.	4.425E-01	4.159E-01	3.937E-01	3.746E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.228E-01	4.024E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.250E-01

NU VERSUS ETA

DELTA = 0.25 ALPHA = 0.80 PSI = 0.02

	OMEGA										
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.491E-01	3.792E-01	3.343E-01	3.023E-01	2.780E-01	2.588E-01	2.430E-01	2.299E-01	2.186E-01
0.50	0.	0.	0.	0.	4.447E-01	4.025E-01	3.704E-01	3.449E-01	3.241E-01	3.066E-01	2.917E-01
0.75	0.	0.	0.	0.	0.	0.	4.309E-01	4.014E-01	3.772E-01	3.569E-01	3.396E-01
1.00	0.	0.	0.	0.	0.	0.	0.	4.430E-01	4.164E-01	3.940E-01	3.750E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.231E-01	4.027E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.252E-01

NU VERSUS ETA

DELTA = 0.50 ALPHA = 0.80 PSI = 0.02

	OMEGA										
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.557E-01	3.832E-01	3.370E-01	3.043E-01	2.795E-01	2.600E-01	2.441E-01	2.307E-01	2.194E-01
0.50	0.	0.	0.	0.	4.468E-01	4.040E-01	3.716E-01	3.459E-01	3.249E-01	3.073E-01	2.923E-01
0.75	0.	0.	0.	0.	0.	0.	4.318E-01	4.021E-01	3.778E-01	3.574E-01	3.400E-01
1.00	0.	0.	0.	0.	0.	0.	0.	4.436E-01	4.168E-01	3.944E-01	3.753E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.234E-01	4.029E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.254E-01

NU VERSUS ETA

DELTA = 0.75 ALPHA = 0.80 PSI = 0.02

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.626E-01	3.872E-01	3.397E-01	3.063E-01	2.811E-01	2.613E-01	2.451E-01	2.316E-01	2.201E-01
0.50	0.	0.	0.	0.	4.489E-01	4.056E-01	3.728E-01	3.469E-01	3.257E-01	3.080E-01	2.928E-01
0.75	0.	0.	0.	0.	0.	0.	4.327E-01	4.028E-01	3.784E-01	3.579E-01	3.405E-01
1.00	0.	0.	0.	0.	0.	0.	0.	4.441E-01	4.173E-01	3.948E-01	3.756E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.237E-01	4.032E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.256E-01

NU VERSUS ETA

DELTA = 1.00 ALPHA = 0.80 PSI = 0.02

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.698E-01	3.914E-01	3.425E-01	3.083E-01	2.827E-01	2.625E-01	2.462E-01	2.325E-01	2.209E-01
0.50	0.	0.	0.	0.	4.511E-01	4.072E-01	3.740E-01	3.479E-01	3.265E-01	3.086E-01	2.934E-01
0.75	0.	0.	0.	0.	0.	0.	4.336E-01	4.036E-01	3.790E-01	3.585E-01	3.409E-01
1.00	0.	0.	0.	0.	0.	0.	0.	0.	4.177E-01	3.952E-01	3.759E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.240E-01	4.034E-01

NU VERSUS ETA

DELTA = 0. ALPHA = 1.00 PSI = 0.02

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.776E-01	4.073E-01	3.610E-01	3.276E-01	3.020E-01	2.816E-01	2.649E-01	2.508E-01	2.388E-01
0.50	0.	0.	0.	0.	0.	4.333E-01	3.995E-01	3.726E-01	3.504E-01	3.318E-01	3.159E-01
0.75	0.	0.	0.	0.	0.	0.	0.	4.309E-01	4.053E-01	3.837E-01	3.653E-01
1.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.214E-01	4.011E-01

NU VERSUS ETA

DELTA = 0.25 ALPHA = 1.00 PSI = 0.02

	OMEGA										
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	0.	4.121E-01	3.643E-01	3.301E-01	3.040E-01	2.832E-01	2.662E-01	2.519E-01	2.397E-01
0.50	0.	0.	0.	0.	0.	4.352E-01	4.010E-01	3.738E-01	3.514E-01	3.326E-01	3.166E-01
0.75	0.	0.	0.	0.	0.	0.	0.	4.318E-01	4.060E-01	3.843E-01	3.658E-01
1.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.218E-01	4.015E-01

NU VERSUS ETA

DELTA = 0.50 ALPHA = 1.00 PSI = 0.02

	OMEGA										
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	0.	4.171E-01	3.678E-01	3.326E-01	3.060E-01	2.848E-01	2.675E-01	2.531E-01	2.407E-01
0.50	0.	0.	0.	0.	0.	4.372E-01	4.025E-01	3.750E-01	3.524E-01	3.335E-01	3.173E-01
0.75	0.	0.	0.	0.	0.	0.	0.	4.326E-01	4.067E-01	3.850E-01	3.664E-01
1.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.223E-01	4.019E-01

NU VERSUS ETA

DELTA = 0.75 ALPHA = 1.00 PSI = 0.02

	OMEGA										
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	0.	4.223E-01	3.713E-01	3.353E-01	3.080E-01	2.865E-01	2.689E-01	2.542E-01	2.417E-01
0.50	0.	0.	0.	0.	0.	4.391E-01	4.040E-01	3.762E-01	3.534E-01	3.344E-01	3.181E-01
0.75	0.	0.	0.	0.	0.	0.	0.	4.335E-01	4.075E-01	3.856E-01	3.669E-01
1.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.228E-01	4.023E-01

NU VERSUS ETA

DELTA = 1.00 ALPHA = 1.00 PSI = 0.02

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	0.	4.277E-01	3.750E-01	3.379E-01	3.101E-01	2.881E-01	2.703E-01	2.554E-01	2.427E-01
0.50	0.	0.	0.	0.	0.	4.411E-01	4.056E-01	3.775E-01	3.545E-01	3.352E-01	3.188E-01
0.75	0.	0.	0.	0.	0.	0.	0.	4.344E-01	4.082E-01	3.862E-01	3.674E-01
1.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.232E-01	4.027E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

NU VERSUS ETA

DELTA = 0. ALPHA = 0.20 PSI = 0.04

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	3.449E-01	2.527E-01	2.089E-01	1.821E-01	1.635E-01	1.496E-01	1.388E-01	1.300E-01	1.227E-01	1.165E-01
0.50	0.	4.748E-01	3.495E-01	2.894E-01	2.524E-01	2.268E-01	2.076E-01	1.926E-01	1.805E-01	1.704E-01	1.618E-01
0.75	0.	0.	4.191E-01	3.475E-01	3.034E-01	2.727E-01	2.497E-01	2.318E-01	2.172E-01	2.050E-01	1.947E-01
1.00	0.	0.	4.743E-01	3.939E-01	3.441E-01	3.094E-01	2.834E-01	2.631E-01	2.466E-01	2.328E-01	2.211E-01
1.25	0.	0.	0.	4.326E-01	3.782E-01	3.402E-01	3.117E-01	2.894E-01	2.713E-01	2.562E-01	2.433E-01
1.50	0.	0.	0.	4.659E-01	4.075E-01	3.667E-01	3.361E-01	3.121E-01	2.926E-01	2.763E-01	2.625E-01
1.75	0.	0.	0.	0.	4.332E-01	3.900E-01	3.575E-01	3.320E-01	3.113E-01	2.941E-01	2.794E-01
2.00	0.	0.	0.	0.	4.562E-01	4.108E-01	3.767E-01	3.499E-01	3.281E-01	3.099E-01	2.945E-01
2.25	0.	0.	0.	0.	0.	4.295E-01	3.939E-01	3.659E-01	3.432E-01	3.242E-01	3.081E-01
2.50	0.	0.	0.	0.	0.	4.465E-01	4.096E-01	3.805E-01	3.569E-01	3.372E-01	3.204E-01
2.75	0.	0.	0.	0.	0.	0.	4.239E-01	3.939E-01	3.695E-01	3.491E-01	3.318E-01
3.00	0.	0.	0.	0.	0.	0.	4.372E-01	4.063E-01	3.811E-01	3.601E-01	3.422E-01
3.25	0.	0.	0.	0.	0.	0.	4.494E-01	4.177E-01	3.919E-01	3.703E-01	3.519E-01
3.50	0.	0.	0.	0.	0.	0.	0.	4.283E-01	4.019E-01	3.798E-01	3.610E-01
3.75	0.	0.	0.	0.	0.	0.	0.	4.383E-01	4.112E-01	3.886E-01	3.694E-01
4.00	0.	0.	0.	0.	0.	0.	0.	0.	4.200E-01	3.969E-01	3.773E-01
4.25	0.	0.	0.	0.	0.	0.	0.	0.	4.282E-01	4.047E-01	3.847E-01
4.50	0.	0.	0.	0.	0.	0.	0.	0.	4.360E-01	4.121E-01	3.918E-01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.191E-01	3.984E-01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.257E-01	4.047E-01

NU VERSUS ETA

DELTA = 0.25 ALPHA = 0.20 PSI = 0.04

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	3.480E-01	2.539E-01	2.096E-01	1.825E-01	1.638E-01	1.499E-01	1.390E-01	1.301E-01	1.228E-01	1.166E-01
0.50	0.	4.776E-01	3.506E-01	2.900E-01	2.528E-01	2.271E-01	2.078E-01	1.928E-01	1.806E-01	1.705E-01	1.619E-01
0.75	0.	0.	4.200E-01	3.481E-01	3.037E-01	2.729E-01	2.499E-01	2.319E-01	2.173E-01	2.051E-01	1.948E-01
1.00	0.	0.	4.750E-01	3.943E-01	3.444E-01	3.096E-01	2.836E-01	2.632E-01	2.467E-01	2.329E-01	2.212E-01
1.25	0.	0.	0.	4.329E-01	3.784E-01	3.403E-01	3.118E-01	2.895E-01	2.713E-01	2.562E-01	2.434E-01
1.50	0.	0.	0.	4.662E-01	4.077E-01	3.668E-01	3.362E-01	3.122E-01	2.926E-01	2.764E-01	2.626E-01
1.75	0.	0.	0.	0.	4.334E-01	3.901E-01	3.576E-01	3.321E-01	3.114E-01	2.941E-01	2.794E-01
2.00	0.	0.	0.	0.	4.563E-01	4.109E-01	3.767E-01	3.499E-01	3.281E-01	3.099E-01	2.945E-01
2.25	0.	0.	0.	0.	0.	4.296E-01	3.940E-01	3.660E-01	3.432E-01	3.242E-01	3.081E-01
2.50	0.	0.	0.	0.	0.	4.466E-01	4.096E-01	3.806E-01	3.569E-01	3.372E-01	3.205E-01
2.75	0.	0.	0.	0.	0.	0.	4.240E-01	3.940E-01	3.695E-01	3.491E-01	3.318E-01
3.00	0.	0.	0.	0.	0.	0.	4.372E-01	4.063E-01	3.811E-01	3.601E-01	3.423E-01
3.25	0.	0.	0.	0.	0.	0.	4.494E-01	4.177E-01	3.919E-01	3.703E-01	3.520E-01
3.50	0.	0.	0.	0.	0.	0.	0.	4.283E-01	4.019E-01	3.798E-01	3.610E-01
3.75	0.	0.	0.	0.	0.	0.	0.	4.383E-01	4.112E-01	3.886E-01	3.694E-01
4.00	0.	0.	0.	0.	0.	0.	0.	0.	4.200E-01	3.969E-01	3.773E-01
4.25	0.	0.	0.	0.	0.	0.	0.	0.	4.282E-01	4.048E-01	3.848E-01
4.50	0.	0.	0.	0.	0.	0.	0.	0.	4.360E-01	4.121E-01	3.918E-01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.191E-01	3.984E-01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.257E-01	4.047E-01

NU VERSUS ETA

DELTA = 0.50 ALPHA = 0.20 PSI = 0.04

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	3.511E-01	2.551E-01	2.103E-01	1.830E-01	1.641E-01	1.501E-01	1.392E-01	1.303E-01	1.230E-01	1.167E-01
0.50	0.	4.804E-01	3.517E-01	2.906E-01	2.533E-01	2.274E-01	2.081E-01	1.930E-01	1.808E-01	1.706E-01	1.620E-01
0.75	0.	0.	4.209E-01	3.486E-01	3.041E-01	2.732E-01	2.501E-01	2.321E-01	2.174E-01	2.052E-01	1.949E-01
1.00	0.	0.	4.758E-01	3.947E-01	3.447E-01	3.098E-01	2.838E-01	2.633E-01	2.468E-01	2.330E-01	2.213E-01
1.25	0.	0.	0.	4.333E-01	3.786E-01	3.405E-01	3.120E-01	2.896E-01	2.714E-01	2.563E-01	2.435E-01
1.50	0.	0.	0.	4.665E-01	4.079E-01	3.670E-01	3.363E-01	3.123E-01	2.927E-01	2.764E-01	2.626E-01
1.75	0.	0.	0.	0.	4.336E-01	3.902E-01	3.577E-01	3.322E-01	3.115E-01	2.942E-01	2.795E-01
2.00	0.	0.	0.	0.	4.564E-01	4.110E-01	3.768E-01	3.500E-01	3.282E-01	3.100E-01	2.945E-01
2.25	0.	0.	0.	0.	0.	4.296E-01	3.940E-01	3.660E-01	3.433E-01	3.243E-01	3.081E-01
2.50	0.	0.	0.	0.	0.	4.466E-01	4.097E-01	3.806E-01	3.570E-01	3.373E-01	3.205E-01
2.75	0.	0.	0.	0.	0.	0.	4.240E-01	3.940E-01	3.696E-01	3.492E-01	3.318E-01
3.00	0.	0.	0.	0.	0.	0.	4.372E-01	4.063E-01	3.812E-01	3.602E-01	3.423E-01
3.25	0.	0.	0.	0.	0.	0.	4.495E-01	4.178E-01	3.919E-01	3.703E-01	3.520E-01
3.50	0.	0.	0.	0.	0.	0.	0.	4.284E-01	4.019E-01	3.798E-01	3.610E-01
3.75	0.	0.	0.	0.	0.	0.	0.	4.383E-01	4.113E-01	3.887E-01	3.694E-01
4.00	0.	0.	0.	0.	0.	0.	0.	0.	4.200E-01	3.970E-01	3.773E-01
4.25	0.	0.	0.	0.	0.	0.	0.	0.	4.282E-01	4.048E-01	3.848E-01
4.50	0.	0.	0.	0.	0.	0.	0.	0.	4.360E-01	4.121E-01	3.918E-01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.191E-01	3.984E-01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.257E-01	4.047E-01

NU VERSUS ETA

DELTA = 0.75 ALPHA = 0.20 PSI = 0.04

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	3.544E-01	2.564E-01	2.110E-01	1.834E-01	1.644E-01	1.504E-01	1.394E-01	1.305E-01	1.231E-01	1.168E-01
0.50	0.	4.832E-01	3.528E-01	2.913E-01	2.537E-01	2.277E-01	2.083E-01	1.932E-01	1.809E-01	1.707E-01	1.621E-01
0.75	0.	0.	4.218E-01	3.491E-01	3.044E-01	2.734E-01	2.503E-01	2.322E-01	2.175E-01	2.053E-01	1.950E-01
1.00	0.	0.	4.765E-01	3.952E-01	3.449E-01	3.100E-01	2.839E-01	2.635E-01	2.469E-01	2.331E-01	2.214E-01
1.25	0.	0.	0.	4.336E-01	3.789E-01	3.407E-01	3.121E-01	2.897E-01	2.715E-01	2.564E-01	2.435E-01
1.50	0.	0.	0.	4.667E-01	4.081E-01	3.671E-01	3.364E-01	3.123E-01	2.928E-01	2.765E-01	2.627E-01
1.75	0.	0.	0.	0.	4.337E-01	3.903E-01	3.578E-01	3.323E-01	3.115E-01	2.942E-01	2.795E-01
2.00	0.	0.	0.	0.	4.566E-01	4.111E-01	3.769E-01	3.501E-01	3.282E-01	3.100E-01	2.946E-01
2.25	0.	0.	0.	0.	0.	4.297E-01	3.941E-01	3.661E-01	3.433E-01	3.243E-01	3.082E-01
2.50	0.	0.	0.	0.	0.	4.467E-01	4.098E-01	3.807E-01	3.570E-01	3.373E-01	3.205E-01
2.75	0.	0.	0.	0.	0.	0.	4.241E-01	3.940E-01	3.696E-01	3.492E-01	3.319E-01
3.00	0.	0.	0.	0.	0.	0.	4.373E-01	4.064E-01	3.812E-01	3.602E-01	3.423E-01
3.25	0.	0.	0.	0.	0.	0.	4.495E-01	4.178E-01	3.919E-01	3.704E-01	3.520E-01
3.50	0.	0.	0.	0.	0.	0.	0.	4.284E-01	4.019E-01	3.798E-01	3.610E-01
3.75	0.	0.	0.	0.	0.	0.	0.	4.383E-01	4.113E-01	3.887E-01	3.694E-01
4.00	0.	0.	0.	0.	0.	0.	0.	0.	4.200E-01	3.970E-01	3.773E-01
4.25	0.	0.	0.	0.	0.	0.	0.	0.	4.283E-01	4.048E-01	3.848E-01
4.50	0.	0.	0.	0.	0.	0.	0.	0.	4.360E-01	4.121E-01	3.918E-01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.191E-01	3.984E-01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.257E-01	4.047E-01

NU VERSUS ETA

DELTA = 1.00 ALPHA = 0.20 PSI = 0.04

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	3.577E-01	2.576E-01	2.116E-01	1.839E-01	1.648E-01	1.506E-01	1.396E-01	1.306E-01	1.232E-01	1.170E-01
0.50	0.	4.861E-01	3.539E-01	2.919E-01	2.541E-01	2.280E-01	2.085E-01	1.934E-01	1.811E-01	1.709E-01	1.622E-01
0.75	0.	0.	4.227E-01	3.496E-01	3.048E-01	2.737E-01	2.505E-01	2.324E-01	2.177E-01	2.055E-01	1.951E-01
1.00	0.	0.	4.773E-01	3.956E-01	3.452E-01	3.102E-01	2.841E-01	2.636E-01	2.470E-01	2.332E-01	2.214E-01
1.25	0.	0.	0.	4.340E-01	3.791E-01	3.408E-01	3.122E-01	2.898E-01	2.716E-01	2.565E-01	2.436E-01
1.50	0.	0.	0.	4.670E-01	4.083E-01	3.673E-01	3.365E-01	3.124E-01	2.929E-01	2.766E-01	2.627E-01
1.75	0.	0.	0.	0.	4.339E-01	3.905E-01	3.579E-01	3.323E-01	3.116E-01	2.943E-01	2.796E-01
2.00	0.	0.	0.	0.	4.567E-01	4.112E-01	3.770E-01	3.501E-01	3.283E-01	3.101E-01	2.946E-01
2.25	0.	0.	0.	0.	0.	4.298E-01	3.942E-01	3.661E-01	3.434E-01	3.243E-01	3.082E-01
2.50	0.	0.	0.	0.	0.	4.468E-01	4.098E-01	3.807E-01	3.571E-01	3.373E-01	3.205E-01
2.75	0.	0.	0.	0.	0.	0.	4.241E-01	3.941E-01	3.696E-01	3.492E-01	3.319E-01
3.00	0.	0.	0.	0.	0.	0.	4.373E-01	4.064E-01	3.812E-01	3.602E-01	3.423E-01
3.25	0.	0.	0.	0.	0.	0.	4.496E-01	4.178E-01	3.920E-01	3.704E-01	3.520E-01
3.50	0.	0.	0.	0.	0.	0.	0.	4.284E-01	4.020E-01	3.799E-01	3.610E-01
3.75	0.	0.	0.	0.	0.	0.	0.	4.384E-01	4.113E-01	3.887E-01	3.695E-01
4.00	0.	0.	0.	0.	0.	0.	0.	0.	4.200E-01	3.970E-01	3.774E-01
4.25	0.	0.	0.	0.	0.	0.	0.	0.	4.283E-01	4.048E-01	3.848E-01
4.50	0.	0.	0.	0.	0.	0.	0.	0.	4.360E-01	4.122E-01	3.918E-01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.191E-01	3.984E-01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.257E-01	4.047E-01

NU VERSUS ETA

DELTA = 0. ALPHA = 0.40 PSI = 0.04

	OMEGA										
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	4.522E-01	3.402E-01	2.840E-01	2.489E-01	2.242E-01	2.056E-01	1.910E-01	1.791E-01	1.692E-01	1.608E-01
0.50	0.	0.	4.629E-01	3.873E-01	3.397E-01	3.062E-01	2.809E-01	2.611E-01	2.449E-01	2.314E-01	2.199E-01
0.75	0.	0.	0.	4.587E-01	4.027E-01	3.632E-01	3.334E-01	3.099E-01	2.908E-01	2.748E-01	2.612E-01
1.00	0.	0.	0.	0.	4.512E-01	4.071E-01	3.738E-01	3.476E-01	3.262E-01	3.083E-01	2.931E-01
1.25	0.	0.	0.	0.	0.	4.428E-01	4.067E-01	3.782E-01	3.550E-01	3.356E-01	3.191E-01
1.50	0.	0.	0.	0.	0.	0.	4.343E-01	4.040E-01	3.792E-01	3.585E-01	3.409E-01
1.75	0.	0.	0.	0.	0.	0.	0.	4.261E-01	4.000E-01	3.782E-01	3.596E-01
2.00	0.	0.	0.	0.	0.	0.	0.	0.	4.181E-01	3.954E-01	3.760E-01
2.25	0.	0.	0.	0.	0.	0.	0.	0.	4.342E-01	4.106E-01	3.904E-01
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.242E-01	4.034E-01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.150E-01

NU VERSUS ETA

DELTA = 0.25 ALPHA = 0.40 PSI = 0.04

	OMEGA										
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	4.591E-01	3.431E-01	2.857E-01	2.500E-01	2.250E-01	2.063E-01	1.915E-01	1.796E-01	1.696E-01	1.611E-01
0.50	0.	0.	4.653E-01	3.897E-01	3.406E-01	3.069E-01	2.815E-01	2.615E-01	2.453E-01	2.317E-01	2.202E-01
0.75	0.	0.	0.	4.598E-01	4.034E-01	3.637E-01	3.338E-01	3.103E-01	2.911E-01	2.750E-01	2.614E-01
1.00	0.	0.	0.	0.	4.518E-01	4.076E-01	3.742E-01	3.479E-01	3.264E-01	3.085E-01	2.933E-01
1.25	0.	0.	0.	0.	0.	4.431E-01	4.070E-01	3.785E-01	3.552E-01	3.358E-01	3.192E-01
1.50	0.	0.	0.	0.	0.	0.	4.345E-01	4.042E-01	3.794E-01	3.586E-01	3.410E-01
1.75	0.	0.	0.	0.	0.	0.	0.	4.262E-01	4.001E-01	3.783E-01	3.597E-01
2.00	0.	0.	0.	0.	0.	0.	0.	0.	4.182E-01	3.955E-01	3.760E-01
2.25	0.	0.	0.	0.	0.	0.	0.	0.	4.343E-01	4.106E-01	3.905E-01
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.242E-01	4.034E-01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.151E-01

NU VERSUS ETA

DELTA = 0.50 ALPHA = 0.40 PSI = 0.04

	OMEGA									
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	4.663E-01	3.460E-01	2.874E-01	2.511E-01	2.258E-01	2.069E-01	1.920E-01	1.800E-01	1.700E-01	1.614E-01
0.50	0.	0.	4.678E-01	3.902E-01	3.416E-01	3.076E-01	2.821E-01	2.620E-01	2.457E-01	2.320E-01	2.205E-01
0.75	0.	0.	0.	4.610E-01	4.042E-01	3.643E-01	3.343E-01	3.106E-01	2.914E-01	2.753E-01	2.616E-01
1.00	0.	0.	0.	0.	4.524E-01	4.080E-01	3.745E-01	3.482E-01	3.267E-01	3.087E-01	2.934E-01
1.25	0.	0.	0.	0.	0.	4.435E-01	4.073E-01	3.787E-01	3.554E-01	3.359E-01	3.193E-01
1.50	0.	0.	0.	0.	0.	0.	4.348E-01	4.043E-01	3.795E-01	3.588E-01	3.411E-01
1.75	0.	0.	0.	0.	0.	0.	0.	4.264E-01	4.002E-01	3.784E-01	3.598E-01
2.00	0.	0.	0.	0.	0.	0.	0.	0.	4.183E-01	3.955E-01	3.761E-01
2.25	0.	0.	0.	0.	0.	0.	0.	0.	4.343E-01	4.107E-01	3.906E-01
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.243E-01	4.035E-01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.151E-01

NU VERSUS ETA

DELTA = 0.75 ALPHA = 0.40 PSI = 0.04

	OMEGA									
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	4.739E-01	3.491E-01	2.892E-01	2.523E-01	2.267E-01	2.075E-01	1.926E-01	1.804E-01	1.703E-01	1.617E-01
0.50	0.	0.	4.704E-01	3.916E-01	3.426E-01	3.083E-01	2.826E-01	2.624E-01	2.460E-01	2.324E-01	2.207E-01
0.75	0.	0.	0.	4.622E-01	4.050E-01	3.649E-01	3.347E-01	3.110E-01	2.917E-01	2.755E-01	2.618E-01
1.00	0.	0.	0.	0.	4.530E-01	4.085E-01	3.749E-01	3.484E-01	3.269E-01	3.089E-01	2.936E-01
1.25	0.	0.	0.	0.	0.	4.439E-01	4.076E-01	3.789E-01	3.556E-01	3.361E-01	3.195E-01
1.50	0.	0.	0.	0.	0.	0.	4.350E-01	4.045E-01	3.797E-01	3.589E-01	3.412E-01
1.75	0.	0.	0.	0.	0.	0.	0.	4.265E-01	4.004E-01	3.785E-01	3.599E-01
2.00	0.	0.	0.	0.	0.	0.	0.	0.	4.184E-01	3.956E-01	3.762E-01
2.25	0.	0.	0.	0.	0.	0.	0.	0.	4.344E-01	4.108E-01	3.906E-01
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.243E-01	4.035E-01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.152E-01

NU VERSUS ETA

DELTA = 1.00 ALPHA = 0.40 PSI = 0.04

ETA	OMEGA 0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	4.818E-01	3.522E-01	2.910E-01	2.535E-01	2.275E-01	2.082E-01	1.931E-01	1.808E-01	1.707E-01	1.620E-01
0.50	0.	0.	4.730E-01	3.931E-01	3.436E-01	3.090E-01	2.832E-01	2.629E-01	2.464E-01	2.327E-01	2.210E-01
0.75	0.	0.	0.	4.633E-01	4.058E-01	3.654E-01	3.351E-01	3.113E-01	2.919E-01	2.758E-01	2.620E-01
1.00	0.	0.	0.	0.	4.536E-01	4.089E-01	3.752E-01	3.487E-01	3.271E-01	3.091E-01	2.938E-01
1.25	0.	0.	0.	0.	0.	4.442E-01	4.078E-01	3.791E-01	3.558E-01	3.362E-01	3.196E-01
1.50	0.	0.	0.	0.	0.	0.	4.352E-01	4.047E-01	3.798E-01	3.590E-01	3.413E-01
1.75	0.	0.	0.	0.	0.	0.	0.	4.266E-01	4.005E-01	3.786E-01	3.600E-01
2.00	0.	0.	0.	0.	0.	0.	0.	0.	4.185E-01	3.957E-01	3.763E-01
2.25	0.	0.	0.	0.	0.	0.	0.	0.	4.345E-01	4.109E-01	3.907E-01
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.244E-01	4.036E-01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.152E-01

NU VERSUS ETA

DELTA = 0. ALPHA = 0.60 PSI = 0.04

ETA	OMEGA 0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	3.986E-01	3.356E-01	2.954E-01	2.668E-01	2.452E-01	2.281E-01	2.142E-01	2.025E-01	1.925E-01
0.50	0.	0.	0.	4.519E-01	3.980E-01	3.597E-01	3.307E-01	3.078E-01	2.890E-01	2.733E-01	2.599E-01
0.75	0.	0.	0.	0.	0.	4.222E-01	3.883E-01	3.614E-01	3.394E-01	3.210E-01	3.053E-01
1.00	0.	0.	0.	0.	0.	0.	4.315E-01	4.017E-01	3.774E-01	3.569E-01	3.395E-01
1.25	0.	0.	0.	0.	0.	0.	0.	4.338E-01	4.075E-01	3.855E-01	3.667E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	4.324E-01	4.091E-01	3.891E-01
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.290E-01	4.081E-01

NU VERSUS ETA

DELTA = 0.25 ALPHA = 0.60 PSI = 0.04

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.032E-01	3.384E-01	2.972E-01	2.682E-01	2.463E-01	2.290E-01	2.149E-01	2.031E-01	1.931E-01
0.50	0.	0.	0.	4.541E-01	3.995E-01	3.609E-01	3.316E-01	3.085E-01	2.896E-01	2.738E-01	2.603E-01
0.75	0.	0.	0.	0.	0.	4.231E-01	3.890E-01	3.619E-01	3.399E-01	3.214E-01	3.057E-01
1.00	0.	0.	0.	0.	0.	0.	4.320E-01	4.021E-01	3.777E-01	3.572E-01	3.398E-01
1.25	0.	0.	0.	0.	0.	0.	0.	4.341E-01	4.078E-01	3.857E-01	3.669E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	4.326E-01	4.092E-01	3.893E-01
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.291E-01	4.082E-01

NU VERSUS ETA

DELTA = 0.50 ALPHA = 0.60 PSI = 0.04

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.081E-01	3.412E-01	2.991E-01	2.696E-01	2.473E-01	2.298E-01	2.156E-01	2.037E-01	1.936E-01
0.50	0.	0.	0.	4.564E-01	4.011E-01	3.620E-01	3.325E-01	3.092E-01	2.902E-01	2.743E-01	2.608E-01
0.75	0.	0.	0.	0.	0.	4.239E-01	3.896E-01	3.625E-01	3.403E-01	3.218E-01	3.060E-01
1.00	0.	0.	0.	0.	0.	0.	4.326E-01	4.026E-01	3.780E-01	3.575E-01	3.400E-01
1.25	0.	0.	0.	0.	0.	0.	0.	4.344E-01	4.081E-01	3.860E-01	3.671E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	4.328E-01	4.094E-01	3.894E-01
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.292E-01	4.083E-01

NU VERSUS ETA

DELTA = 0.75 ALPHA = 0.60 PSI = 0.04

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.130E-01	3.441E-01	3.011E-01	2.710E-01	2.484E-01	2.307E-01	2.163E-01	2.043E-01	1.941E-01
0.50	0.	0.	0.	4.587E-01	4.027E-01	3.632E-01	3.334E-01	3.099E-01	2.908E-01	2.748E-01	2.612E-01
0.75	0.	0.	0.	0.	0.	4.248E-01	3.903E-01	3.630E-01	3.408E-01	3.222E-01	3.063E-01
1.00	0.	0.	0.	0.	0.	0.	4.331E-01	4.030E-01	3.784E-01	3.578E-01	3.403E-01
1.25	0.	0.	0.	0.	0.	0.	0.	4.348E-01	4.083E-01	3.862E-01	3.673E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	4.330E-01	4.096E-01	3.896E-01
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.294E-01	4.085E-01

NU VERSUS ETA

DELTA = 1.00 ALPHA = 0.60 PSI = 0.04

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.182E-01	3.470E-01	3.031E-01	2.724E-01	2.496E-01	2.316E-01	2.170E-01	2.049E-01	1.946E-01
0.50	0.	0.	0.	4.611E-01	4.042E-01	3.643E-01	3.343E-01	3.106E-01	2.914E-01	2.753E-01	2.616E-01
0.75	0.	0.	0.	0.	0.	4.257E-01	3.910E-01	3.636E-01	3.412E-01	3.226E-01	3.067E-01
1.00	0.	0.	0.	0.	0.	0.	4.336E-01	4.034E-01	3.787E-01	3.581E-01	3.405E-01
1.25	0.	0.	0.	0.	0.	0.	0.	4.351E-01	4.086E-01	3.864E-01	3.675E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	4.332E-01	4.098E-01	3.898E-01
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.295E-01	4.086E-01

NU VERSUS ETA

DELTA = 0. ALPHA = 0.80 PSI = 0.04

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.423E-01	3.750E-01	3.313E-01	3.000E-01	2.761E-01	2.572E-01	2.417E-01	2.287E-01	2.176E-01
0.50	0.	0.	0.	0.	4.417E-01	4.001E-01	3.684E-01	3.432E-01	3.226E-01	3.052E-01	2.904E-01
0.75	0.	0.	0.	0.	0.	0.	4.288E-01	3.995E-01	3.755E-01	3.554E-01	3.382E-01
1.00	0.	0.	0.	0.	0.	0.	0.	4.410E-01	4.145E-01	3.923E-01	3.733E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.212E-01	4.008E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.232E-01

NU VERSUS ETA

DELTA = 0.25 ALPHA = 0.80 PSI = 0.04

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.486E-01	3.788E-01	3.339E-01	3.019E-01	2.777E-01	2.584E-01	2.427E-01	2.296E-01	2.184E-01
0.50	0.	0.	0.	0.	4.437E-01	4.016E-01	3.696E-01	3.442E-01	3.234E-01	3.059E-01	2.910E-01
0.75	0.	0.	0.	0.	0.	0.	4.297E-01	4.002E-01	3.761E-01	3.559E-01	3.386E-01
1.00	0.	0.	0.	0.	0.	0.	0.	4.415E-01	4.150E-01	3.927E-01	3.737E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.215E-01	4.011E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.234E-01

NU VERSUS ETA

DELTA = 0.50 ALPHA = 0.80 PSI = 0.04

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.551E-01	3.827E-01	3.366E-01	3.039E-01	2.792E-01	2.597E-01	2.438E-01	2.304E-01	2.191E-01
0.50	0.	0.	0.	0.	4.458E-01	4.032E-01	3.708E-01	3.451E-01	3.242E-01	3.066E-01	2.916E-01
0.75	0.	0.	0.	0.	0.	0.	4.306E-01	4.009E-01	3.767E-01	3.564E-01	3.391E-01
1.00	0.	0.	0.	0.	0.	0.	0.	4.420E-01	4.154E-01	3.931E-01	3.740E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.218E-01	4.013E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.236E-01

NU VERSUS ETA

DELTA = 0.75 ALPHA = 0.80 PSI = 0.04

	OMEGA										
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.620E-01	3.867E-01	3.393E-01	3.059E-01	2.808E-01	2.609E-01	2.448E-01	2.313E-01	2.199E-01
0.50	0.	0.	0.	0.	4.479E-01	4.047E-01	3.720E-01	3.461E-01	3.250E-01	3.073E-01	2.922E-01
0.75	0.	0.	0.	0.	0.	0.	4.315E-01	4.017E-01	3.773E-01	3.569E-01	3.395E-01
1.00	0.	0.	0.	0.	0.	0.	0.	4.426E-01	4.159E-01	3.934E-01	3.743E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.221E-01	4.016E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.238E-01

NU VERSUS ETA

DELTA = 1.00 ALPHA = 0.80 PSI = 0.04

	OMEGA										
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.692E-01	3.909E-01	3.421E-01	3.080E-01	2.823E-01	2.622E-01	2.458E-01	2.322E-01	2.206E-01
0.50	0.	0.	0.	0.	4.501E-01	4.063E-01	3.732E-01	3.471E-01	3.258E-01	3.080E-01	2.928E-01
0.75	0.	0.	0.	0.	0.	0.	4.324E-01	4.024E-01	3.779E-01	3.574E-01	3.399E-01
1.00	0.	0.	0.	0.	0.	0.	0.	4.431E-01	4.163E-01	3.938E-01	3.746E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.224E-01	4.018E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.240E-01

NU VERSUS ETA

DELTA = 0. ALPHA = 1.00 PSI = 0.04

	OMEGA										
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.768E-01	4.066E-01	3.605E-01	3.271E-01	3.016E-01	2.812E-01	2.645E-01	2.504E-01	2.384E-01
0.50	0.	0.	0.	0.	0.	4.322E-01	3.985E-01	3.716E-01	3.495E-01	3.309E-01	3.150E-01
0.75	0.	0.	0.	0.	0.	0.	0.	4.295E-01	4.039E-01	3.825E-01	3.641E-01
1.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.197E-01	3.996E-01

NU VERSUS ETA

DELTA = 0.25 ALPHA = 1.00 PSI = 0.04

ETA	OMEGA 0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	0.	4.115E-01	3.638E-01	3.296E-01	3.035E-01	2.828E-01	2.658E-01	2.516E-01	2.394E-01
0.50	0.	0.	0.	0.	0.	4.341E-01	4.000E-01	3.728E-01	3.505E-01	3.318E-01	3.158E-01
0.75	0.	0.	0.	0.	0.	0.	0.	4.303E-01	4.046E-01	3.831E-01	3.646E-01
1.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.202E-01	4.000E-01

NU VERSUS ETA

DELTA = 0.50 ALPHA = 1.00 PSI = 0.04

ETA	OMEGA 0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	0.	4.165E-01	3.672E-01	3.321E-01	3.055E-01	2.844E-01	2.671E-01	2.527E-01	2.403E-01
0.50	0.	0.	0.	0.	0.	4.361E-01	4.015E-01	3.740E-01	3.515E-01	3.326E-01	3.165E-01
0.75	0.	0.	0.	0.	0.	0.	0.	4.312E-01	4.054E-01	3.837E-01	3.652E-01
1.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.206E-01	4.004E-01

NU VERSUS ETA

DELTA = 0.75 ALPHA = 1.00 PSI = 0.04

ETA	OMEGA 0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	0.	4.216E-01	3.708E-01	3.348E-01	3.075E-01	2.860E-01	2.685E-01	2.538E-01	2.413E-01
0.50	0.	0.	0.	0.	0.	4.380E-01	4.030E-01	3.753E-01	3.525E-01	3.335E-01	3.173E-01
0.75	0.	0.	0.	0.	0.	0.	0.	4.321E-01	4.061E-01	3.843E-01	3.657E-01
1.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.211E-01	4.008E-01

NU VERSUS ETA

DELTA = 1.00 ALPHA = 1.00 PSI = 0.04

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	0.	4.270E-01	3.744E-01	3.374E-01	3.096E-01	2.877E-01	2.699E-01	2.550E-01	2.423E-01
0.50	0.	0.	0.	0.	0.	4.400E-01	4.045E-01	3.765E-01	3.536E-01	3.344E-01	3.180E-01
0.75	0.	0.	0.	0.	0.	0.	0.	4.330E-01	4.068E-01	3.849E-01	3.662E-01
1.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.216E-01	4.012E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

NU VERSUS ETA

DELTA = 0. ALPHA = 0.20 PSI = 0.06

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	3.448E-01	2.526E-01	2.088E-01	1.820E-01	1.634E-01	1.496E-01	1.387E-01	1.299E-01	1.226E-01	1.164E-01
0.50	0.	4.745E-01	3.492E-01	2.892E-01	2.523E-01	2.266E-01	2.075E-01	1.925E-01	1.803E-01	1.702E-01	1.617E-01
0.75	0.	0.	4.186E-01	3.472E-01	3.031E-01	2.724E-01	2.495E-01	2.315E-01	2.169E-01	2.048E-01	1.945E-01
1.00	0.	0.	4.737E-01	3.934E-01	3.436E-01	3.090E-01	2.831E-01	2.627E-01	2.463E-01	2.325E-01	2.209E-01
1.25	0.	0.	0.	4.319E-01	3.776E-01	3.396E-01	3.112E-01	2.889E-01	2.708E-01	2.558E-01	2.429E-01
1.50	0.	0.	0.	4.650E-01	4.067E-01	3.660E-01	3.355E-01	3.115E-01	2.920E-01	2.758E-01	2.620E-01
1.75	0.	0.	0.	0.	4.323E-01	3.892E-01	3.568E-01	3.314E-01	3.107E-01	2.935E-01	2.788E-01
2.00	0.	0.	0.	0.	4.551E-01	4.098E-01	3.758E-01	3.491E-01	3.273E-01	3.092E-01	2.938E-01
2.25	0.	0.	0.	0.	0.	4.284E-01	3.929E-01	3.650E-01	3.423E-01	3.234E-01	3.073E-01
2.50	0.	0.	0.	0.	0.	4.453E-01	4.085E-01	3.795E-01	3.560E-01	3.363E-01	3.196E-01
2.75	0.	0.	0.	0.	0.	0.	4.227E-01	3.928E-01	3.685E-01	3.481E-01	3.308E-01
3.00	0.	0.	0.	0.	0.	0.	4.359E-01	4.050E-01	3.800E-01	3.590E-01	3.412E-01
3.25	0.	0.	0.	0.	0.	0.	4.480E-01	4.164E-01	3.906E-01	3.691E-01	3.508E-01
3.50	0.	0.	0.	0.	0.	0.	0.	4.269E-01	4.005E-01	3.785E-01	3.598E-01
3.75	0.	0.	0.	0.	0.	0.	0.	4.367E-01	4.098E-01	3.873E-01	3.681E-01
4.00	0.	0.	0.	0.	0.	0.	0.	0.	4.185E-01	3.955E-01	3.760E-01
4.25	0.	0.	0.	0.	0.	0.	0.	0.	4.266E-01	4.032E-01	3.833E-01
4.50	0.	0.	0.	0.	0.	0.	0.	0.	4.343E-01	4.105E-01	3.903E-01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.174E-01	3.968E-01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.239E-01	4.030E-01

NU VERSUS ETA

DELTA = 0.25 ALPHA = 0.20 PSI = 0.06

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	3.479E-01	2.538E-01	2.095E-01	1.824E-01	1.637E-01	1.498E-01	1.389E-01	1.301E-01	1.228E-01	1.166E-01
0.50	0.	4.772E-01	3.503E-01	2.898E-01	2.527E-01	2.269E-01	2.077E-01	1.927E-01	1.805E-01	1.704E-01	1.618E-01
0.75	0.	0.	4.195E-01	3.477E-01	3.034E-01	2.727E-01	2.497E-01	2.317E-01	2.171E-01	2.049E-01	1.946E-01
1.00	0.	0.	4.744E-01	3.938E-01	3.439E-01	3.092E-01	2.832E-01	2.629E-01	2.464E-01	2.326E-01	2.209E-01
1.25	0.	0.	0.	4.323E-01	3.778E-01	3.398E-01	3.114E-01	2.890E-01	2.709E-01	2.558E-01	2.430E-01
1.50	0.	0.	0.	4.653E-01	4.069E-01	3.662E-01	3.356E-01	3.116E-01	2.921E-01	2.759E-01	2.621E-01
1.75	0.	0.	0.	0.	4.325E-01	3.893E-01	3.569E-01	3.314E-01	3.108E-01	2.935E-01	2.789E-01
2.00	0.	0.	0.	0.	4.553E-01	4.099E-01	3.759E-01	3.491E-01	3.274E-01	3.092E-01	2.938E-01
2.25	0.	0.	0.	0.	0.	4.285E-01	3.930E-01	3.651E-01	3.424E-01	3.234E-01	3.073E-01
2.50	0.	0.	0.	0.	0.	4.454E-01	4.086E-01	3.796E-01	3.560E-01	3.363E-01	3.196E-01
2.75	0.	0.	0.	0.	0.	0.	4.228E-01	3.929E-01	3.685E-01	3.482E-01	3.309E-01
3.00	0.	0.	0.	0.	0.	0.	4.359E-01	4.051E-01	3.800E-01	3.591E-01	3.412E-01
3.25	0.	0.	0.	0.	0.	0.	4.480E-01	4.164E-01	3.907E-01	3.692E-01	3.509E-01
3.50	0.	0.	0.	0.	0.	0.	0.	4.269E-01	4.006E-01	3.785E-01	3.598E-01
3.75	0.	0.	0.	0.	0.	0.	0.	4.368E-01	4.098E-01	3.873E-01	3.681E-01
4.00	0.	0.	0.	0.	0.	0.	0.	0.	4.185E-01	3.955E-01	3.760E-01
4.25	0.	0.	0.	0.	0.	0.	0.	0.	4.266E-01	4.033E-01	3.833E-01
4.50	0.	0.	0.	0.	0.	0.	0.	0.	4.343E-01	4.105E-01	3.903E-01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.174E-01	3.968E-01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.239E-01	4.030E-01

NU VERSUS ETA

DELTA = 0.50 ALPHA = 0.20 PSI = 0.06

	OMEGA										
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	3.510E-01	2.550E-01	2.102E-01	1.829E-01	1.641E-01	1.501E-01	1.391E-01	1.303E-01	1.229E-01	1.167E-01
0.50	0.	4.800E-01	3.514E-01	2.904E-01	2.531E-01	2.272E-01	2.079E-01	1.929E-01	1.806E-01	1.705E-01	1.619E-01
0.75	0.	0.	4.205E-01	3.482E-01	3.038E-01	2.729E-01	2.499E-01	2.318E-01	2.172E-01	2.050E-01	1.947E-01
1.00	0.	0.	4.752E-01	3.942E-01	3.442E-01	3.094E-01	2.834E-01	2.630E-01	2.465E-01	2.327E-01	2.210E-01
1.25	0.	0.	0.	4.326E-01	3.780E-01	3.400E-01	3.115E-01	2.891E-01	2.710E-01	2.559E-01	2.431E-01
1.50	0.	0.	0.	4.656E-01	4.071E-01	3.663E-01	3.357E-01	3.117E-01	2.922E-01	2.759E-01	2.621E-01
1.75	0.	0.	0.	0.	4.327E-01	3.894E-01	3.570E-01	3.315E-01	3.108E-01	2.936E-01	2.789E-01
2.00	0.	0.	0.	0.	4.554E-01	4.100E-01	3.760E-01	3.492E-01	3.274E-01	3.093E-01	2.939E-01
2.25	0.	0.	0.	0.	0.	4.286E-01	3.931E-01	3.651E-01	3.424E-01	3.235E-01	3.074E-01
2.50	0.	0.	0.	0.	0.	4.454E-01	4.086E-01	3.796E-01	3.560E-01	3.364E-01	3.196E-01
2.75	0.	0.	0.	0.	0.	0.	4.228E-01	3.929E-01	3.685E-01	3.482E-01	3.309E-01
3.00	0.	0.	0.	0.	0.	0.	4.359E-01	4.051E-01	3.800E-01	3.591E-01	3.413E-01
3.25	0.	0.	0.	0.	0.	0.	4.481E-01	4.164E-01	3.907E-01	3.692E-01	3.509E-01
3.50	0.	0.	0.	0.	0.	0.	0.	4.270E-01	4.006E-01	3.786E-01	3.598E-01
3.75	0.	0.	0.	0.	0.	0.	0.	4.368E-01	4.098E-01	3.873E-01	3.682E-01
4.00	0.	0.	0.	0.	0.	0.	0.	0.	4.185E-01	3.955E-01	3.760E-01
4.25	0.	0.	0.	0.	0.	0.	0.	0.	4.267E-01	4.033E-01	3.833E-01
4.50	0.	0.	0.	0.	0.	0.	0.	0.	4.343E-01	4.106E-01	3.903E-01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.174E-01	3.968E-01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.240E-01	4.031E-01

NU VERSUS ETA

DELTA = 0.75 ALPHA = 0.20 PSI = 0.06

	OMEGA										
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	3.542E-01	2.563E-01	2.109E-01	1.833E-01	1.644E-01	1.503E-01	1.393E-01	1.304E-01	1.231E-01	1.168E-01
0.50	0.	4.828E-01	3.525E-01	2.910E-01	2.535E-01	2.275E-01	2.082E-01	1.930E-01	1.808E-01	1.706E-01	1.620E-01
0.75	0.	0.	4.214E-01	3.487E-01	3.041E-01	2.732E-01	2.501E-01	2.320E-01	2.173E-01	2.051E-01	1.948E-01
1.00	0.	0.	4.759E-01	3.946E-01	3.445E-01	3.096E-01	2.836E-01	2.631E-01	2.466E-01	2.328E-01	2.211E-01
1.25	0.	0.	0.	4.330E-01	3.783E-01	3.401E-01	3.116E-01	2.892E-01	2.711E-01	2.560E-01	2.431E-01
1.50	0.	0.	0.	4.659E-01	4.073E-01	3.664E-01	3.358E-01	3.118E-01	2.923E-01	2.760E-01	2.622E-01
1.75	0.	0.	0.	0.	4.328E-01	3.895E-01	3.571E-01	3.316E-01	3.109E-01	2.936E-01	2.789E-01
2.00	0.	0.	0.	0.	4.556E-01	4.101E-01	3.761E-01	3.493E-01	3.275E-01	3.093E-01	2.939E-01
2.25	0.	0.	0.	0.	0.	4.287E-01	3.931E-01	3.652E-01	3.425E-01	3.235E-01	3.074E-01
2.50	0.	0.	0.	0.	0.	4.455E-01	4.087E-01	3.797E-01	3.561E-01	3.364E-01	3.197E-01
2.75	0.	0.	0.	0.	0.	0.	4.229E-01	3.929E-01	3.686E-01	3.482E-01	3.309E-01
3.00	0.	0.	0.	0.	0.	0.	4.360E-01	4.052E-01	3.801E-01	3.591E-01	3.413E-01
3.25	0.	0.	0.	0.	0.	0.	4.481E-01	4.165E-01	3.907E-01	3.692E-01	3.509E-01
3.50	0.	0.	0.	0.	0.	0.	0.	4.270E-01	4.006E-01	3.786E-01	3.598E-01
3.75	0.	0.	0.	0.	0.	0.	0.	4.368E-01	4.099E-01	3.873E-01	3.682E-01
4.00	0.	0.	0.	0.	0.	0.	0.	0.	4.185E-01	3.956E-01	3.760E-01
4.25	0.	0.	0.	0.	0.	0.	0.	0.	4.267E-01	4.033E-01	3.834E-01
4.50	0.	0.	0.	0.	0.	0.	0.	0.	4.344E-01	4.106E-01	3.903E-01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.174E-01	3.969E-01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.240E-01	4.031E-01

NU VERSUS ETA

DELTA = 1.00 ALPHA = 0.20 PSI = 0.06

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	3.576E-01	2.575E-01	2.116E-01	1.838E-01	1.647E-01	1.506E-01	1.395E-01	1.306E-01	1.232E-01	1.169E-01
0.50	0.	4.857E-01	3.536E-01	2.917E-01	2.539E-01	2.278E-01	2.084E-01	1.932E-01	1.809E-01	1.707E-01	1.621E-01
0.75	0.	0.	4.223E-01	3.493E-01	3.045E-01	2.734E-01	2.502E-01	2.321E-01	2.175E-01	2.052E-01	1.949E-01
1.00	0.	0.	4.767E-01	3.951E-01	3.448E-01	3.098E-01	2.837E-01	2.633E-01	2.467E-01	2.329E-01	2.212E-01
1.25	0.	0.	0.	4.333E-01	3.785E-01	3.403E-01	3.118E-01	2.894E-01	2.712E-01	2.561E-01	2.432E-01
1.50	0.	0.	0.	4.662E-01	4.075E-01	3.666E-01	3.359E-01	3.119E-01	2.923E-01	2.761E-01	2.622E-01
1.75	0.	0.	0.	0.	4.330E-01	3.897E-01	3.572E-01	3.317E-01	3.109E-01	2.937E-01	2.790E-01
2.00	0.	0.	0.	0.	4.557E-01	4.102E-01	3.761E-01	3.493E-01	3.275E-01	3.094E-01	2.939E-01
2.25	0.	0.	0.	0.	0.	4.280E-01	3.932E-01	3.652E-01	3.425E-01	3.235E-01	3.074E-01
2.50	0.	0.	0.	0.	0.	4.456E-01	4.087E-01	3.797E-01	3.561E-01	3.364E-01	3.197E-01
2.75	0.	0.	0.	0.	0.	0.	4.229E-01	3.930E-01	3.686E-01	3.483E-01	3.309E-01
3.00	0.	0.	0.	0.	0.	0.	4.360E-01	4.052E-01	3.801E-01	3.591E-01	3.413E-01
3.25	0.	0.	0.	0.	0.	0.	4.482E-01	4.165E-01	3.907E-01	3.692E-01	3.509E-01
3.50	0.	0.	0.	0.	0.	0.	0.	4.270E-01	4.006E-01	3.786E-01	3.598E-01
3.75	0.	0.	0.	0.	0.	0.	0.	4.368E-01	4.099E-01	3.874E-01	3.682E-01
4.00	0.	0.	0.	0.	0.	0.	0.	0.	4.185E-01	3.956E-01	3.760E-01
4.25	0.	0.	0.	0.	0.	0.	0.	0.	4.267E-01	4.033E-01	3.834E-01
4.50	0.	0.	0.	0.	0.	0.	0.	0.	4.344E-01	4.106E-01	3.903E-01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.175E-01	3.969E-01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.240E-01	4.031E-01

NU VERSUS ETA

DELTA = 0. ALPHA = 0.40 PSI = 0.06

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	4.519E-01	3.399E-01	2.838E-01	2.487E-01	2.240E-01	2.055E-01	1.909E-01	1.790E-01	1.691E-01	1.607E-01
0.50	0.	0.	4.623E-01	3.868E-01	3.392E-01	3.058E-01	2.806E-01	2.608E-01	2.446E-01	2.311E-01	2.197E-01
0.75	0.	0.	0.	4.579E-01	4.019E-01	3.625E-01	3.328E-01	3.093E-01	2.902E-01	2.743E-01	2.607E-01
1.00	0.	0.	0.	0.	4.502E-01	4.062E-01	3.730E-01	3.468E-01	3.255E-01	3.076E-01	2.924E-01
1.25	0.	0.	0.	0.	0.	4.416E-01	4.056E-01	3.772E-01	3.541E-01	3.347E-01	3.182E-01
1.50	0.	0.	0.	0.	0.	0.	4.330E-01	4.028E-01	3.781E-01	3.574E-01	3.399E-01
1.75	0.	0.	0.	0.	0.	0.	0.	4.247E-01	3.987E-01	3.769E-01	3.584E-01
2.00	0.	0.	0.	0.	0.	0.	0.	0.	4.166E-01	3.940E-01	3.746E-01
2.25	0.	0.	0.	0.	0.	0.	0.	0.	4.325E-01	4.090E-01	3.890E-01
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.224E-01	4.018E-01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.133E-01

NU VERSUS ETA

DELTA = 0.25 ALPHA = 0.40 PSI = 0.06

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	4.588E-01	3.428E-01	2.855E-01	2.498E-01	2.248E-01	2.061E-01	1.914E-01	1.794E-01	1.695E-01	1.610E-01
0.50	0.	0.	4.647E-01	3.882E-01	3.402E-01	3.065E-01	2.811E-01	2.612E-01	2.450E-01	2.314E-01	2.199E-01
0.75	0.	0.	0.	4.590E-01	4.027E-01	3.631E-01	3.332E-01	3.097E-01	2.905E-01	2.745E-01	2.609E-01
1.00	0.	0.	0.	0.	4.508E-01	4.066E-01	3.733E-01	3.471E-01	3.257E-01	3.078E-01	2.926E-01
1.25	0.	0.	0.	0.	0.	4.420E-01	4.059E-01	3.775E-01	3.543E-01	3.349E-01	3.184E-01
1.50	0.	0.	0.	0.	0.	0.	4.332E-01	4.029E-01	3.782E-01	3.576E-01	3.400E-01
1.75	0.	0.	0.	0.	0.	0.	0.	4.248E-01	3.988E-01	3.771E-01	3.585E-01
2.00	0.	0.	0.	0.	0.	0.	0.	0.	4.167E-01	3.940E-01	3.747E-01
2.25	0.	0.	0.	0.	0.	0.	0.	0.	4.326E-01	4.091E-01	3.890E-01
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.225E-01	4.018E-01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.133E-01

NU VERSUS ETA

DELTA = 0.50 ALPHA = 0.40 PSI = 0.06

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	4.660E-01	3.458E-01	2.872E-01	2.509E-01	2.257E-01	2.067E-01	1.919E-01	1.799E-01	1.698E-01	1.613E-01
0.50	0.	0.	4.672E-01	3.897E-01	3.412E-01	3.072E-01	2.817E-01	2.616E-01	2.453E-01	2.317E-01	2.202E-01
0.75	0.	0.	0.	4.602E-01	4.035E-01	3.636E-01	3.337E-01	3.100E-01	2.908E-01	2.748E-01	2.611E-01
1.00	0.	0.	0.	0.	4.514E-01	4.071E-01	3.737E-01	3.474E-01	3.259E-01	3.080E-01	2.928E-01
1.25	0.	0.	0.	0.	0.	4.423E-01	4.062E-01	3.777E-01	3.544E-01	3.350E-01	3.185E-01
1.50	0.	0.	0.	0.	0.	0.	4.335E-01	4.031E-01	3.784E-01	3.577E-01	3.401E-01
1.75	0.	0.	0.	0.	0.	0.	0.	4.249E-01	3.989E-01	3.772E-01	3.586E-01
2.00	0.	0.	0.	0.	0.	0.	0.	0.	4.168E-01	3.941E-01	3.748E-01
2.25	0.	0.	0.	0.	0.	0.	0.	0.	4.327E-01	4.091E-01	3.891E-01
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.226E-01	4.019E-01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.134E-01

NU VERSUS ETA

DELTA = 0.75 ALPHA = 0.40 PSI = 0.06

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	4.735E-01	3.488E-01	2.890E-01	2.521E-01	2.265E-01	2.074E-01	1.924E-01	1.803E-01	1.702E-01	1.616E-01
0.50	0.	0.	4.698E-01	3.911E-01	3.421E-01	3.079E-01	2.822E-01	2.621E-01	2.457E-01	2.321E-01	2.205E-01
0.75	0.	0.	0.	4.613E-01	4.043E-01	3.642E-01	3.341E-01	3.104E-01	2.911E-01	2.750E-01	2.614E-01
1.00	0.	0.	0.	0.	4.520E-01	4.075E-01	3.740E-01	3.477E-01	3.262E-01	3.082E-01	2.929E-01
1.25	0.	0.	0.	0.	0.	4.427E-01	4.065E-01	3.779E-01	3.546E-01	3.352E-01	3.186E-01
1.50	0.	0.	0.	0.	0.	0.	4.337E-01	4.033E-01	3.785E-01	3.578E-01	3.402E-01
1.75	0.	0.	0.	0.	0.	0.	0.	4.251E-01	3.990E-01	3.773E-01	3.587E-01
2.00	0.	0.	0.	0.	0.	0.	0.	0.	4.169E-01	3.942E-01	3.748E-01
2.25	0.	0.	0.	0.	0.	0.	0.	0.	4.328E-01	4.092E-01	3.891E-01
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.226E-01	4.019E-01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.134E-01

NU VERSUS ETA

DELTA = 1.00 ALPHA = 0.40 PSI = 0.06

	OMEGA									
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	4.815E-01	3.520E-01	2.907E-01	2.533E-01	2.274E-01	2.080E-01	1.929E-01	1.807E-01	1.706E-01	1.619E-01
0.50	0.	0.	4.724E-01	3.926E-01	3.431E-01	3.086E-01	2.828E-01	2.625E-01	2.461E-01	2.324E-01	2.207E-01
0.75	0.	0.	0.	4.625E-01	4.051E-01	3.648E-01	3.345E-01	3.108E-01	2.914E-01	2.753E-01	2.616E-01
1.00	0.	0.	0.	0.	4.526E-01	4.080E-01	3.744E-01	3.479E-01	3.264E-01	3.084E-01	2.931E-01
1.25	0.	0.	0.	0.	0.	4.431E-01	4.068E-01	3.781E-01	3.548E-01	3.353E-01	3.188E-01
1.50	0.	0.	0.	0.	0.	0.	4.339E-01	4.035E-01	3.787E-01	3.580E-01	3.403E-01
1.75	0.	0.	0.	0.	0.	0.	0.	4.252E-01	3.992E-01	3.774E-01	3.588E-01
2.00	0.	0.	0.	0.	0.	0.	0.	0.	4.170E-01	3.943E-01	3.749E-01
2.25	0.	0.	0.	0.	0.	0.	0.	0.	4.329E-01	4.093E-01	3.892E-01
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.227E-01	4.020E-01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.135E-01

NU VERSUS ETA

DELTA = 0. ALPHA = 0.60 PSI = 0.06

	OMEGA									
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	3.982E-01	3.353E-01	2.951E-01	2.665E-01	2.449E-01	2.279E-01	2.139E-01	2.023E-01	1.924E-01
0.50	0.	0.	0.	4.510E-01	3.973E-01	3.591E-01	3.301E-01	3.072E-01	2.885E-01	2.728E-01	2.594E-01
0.75	0.	0.	0.	0.	4.659E-01	4.212E-01	3.873E-01	3.605E-01	3.386E-01	3.202E-01	3.046E-01
1.00	0.	0.	0.	0.	0.	0.	4.302E-01	4.005E-01	3.762E-01	3.559E-01	3.385E-01
1.25	0.	0.	0.	0.	0.	0.	0.	4.323E-01	4.061E-01	3.842E-01	3.655E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	4.307E-01	4.075E-01	3.877E-01
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.272E-01	4.064E-01
2.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.225E-01

NU VERSUS ETA

DELTA = 0.25 ALPHA = 0.60 PSI = 0.06

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.028E-01	3.380E-01	2.969E-01	2.679E-01	2.460E-01	2.287E-01	2.147E-01	2.029E-01	1.929E-01
0.50	0.	0.	0.	4.533E-01	3.938E-01	3.602E-01	3.310E-01	3.079E-01	2.891E-01	2.733E-01	2.599E-01
0.75	0.	0.	0.	0.	4.670E-01	4.220E-01	3.880E-01	3.611E-01	3.390E-01	3.206E-01	3.049E-01
1.00	0.	0.	0.	0.	0.	0.	4.307E-01	4.009E-01	3.766E-01	3.562E-01	3.388E-01
1.25	0.	0.	0.	0.	0.	0.	0.	4.326E-01	4.064E-01	3.844E-01	3.657E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	4.309E-01	4.077E-01	3.878E-01
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.273E-01	4.065E-01
2.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.226E-01

NU VERSUS ETA

DELTA = 0.50 ALPHA = 0.60 PSI = 0.06

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.076E-01	3.408E-01	2.988E-01	2.693E-01	2.471E-01	2.296E-01	2.154E-01	2.035E-01	1.934E-01
0.50	0.	0.	0.	4.556E-01	4.004E-01	3.613E-01	3.319E-01	3.086E-01	2.897E-01	2.738E-01	2.603E-01
0.75	0.	0.	0.	0.	0.	4.229E-01	3.887E-01	3.616E-01	3.395E-01	3.210E-01	3.052E-01
1.00	0.	0.	0.	0.	0.	0.	4.313E-01	4.014E-01	3.769E-01	3.565E-01	3.390E-01
1.25	0.	0.	0.	0.	0.	0.	0.	4.329E-01	4.067E-01	3.846E-01	3.658E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	4.312E-01	4.079E-01	3.880E-01
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.275E-01	4.066E-01
2.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.227E-01

NU VERSUS ETA

DELTA = 0.75 ALPHA = 0.60 PSI = 0.06

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.126E-01	3.437E-01	3.008E-01	2.707E-01	2.482E-01	2.305E-01	2.161E-01	2.041E-01	1.939E-01
0.50	0.	0.	0.	4.579E-01	4.019E-01	3.625E-01	3.328E-01	3.093E-01	2.902E-01	2.743E-01	2.607E-01
0.75	0.	0.	0.	0.	0.	4.238E-01	3.894E-01	3.622E-01	3.400E-01	3.214E-01	3.056E-01
1.00	0.	0.	0.	0.	0.	0.	4.318E-01	4.018E-01	3.773E-01	3.568E-01	3.393E-01
1.25	0.	0.	0.	0.	0.	0.	0.	4.333E-01	4.069E-01	3.849E-01	3.660E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	4.314E-01	4.080E-01	3.881E-01
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.276E-01	4.068E-01

NU VERSUS ETA

DELTA = 1.00 ALPHA = 0.60 PSI = 0.06

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.178E-01	3.467E-01	3.028E-01	2.722E-01	2.493E-01	2.314E-01	2.168E-01	2.047E-01	1.944E-01
0.50	0.	0.	0.	4.602E-01	4.035E-01	3.637E-01	3.337E-01	3.101E-01	2.908E-01	2.748E-01	2.612E-01
0.75	0.	0.	0.	0.	0.	4.247E-01	3.900E-01	3.627E-01	3.404E-01	3.218E-01	3.059E-01
1.00	0.	0.	0.	0.	0.	0.	4.323E-01	4.022E-01	3.776E-01	3.570E-01	3.395E-01
1.25	0.	0.	0.	0.	0.	0.	0.	4.336E-01	4.072E-01	3.851E-01	3.662E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	4.316E-01	4.082E-01	3.883E-01
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.278E-01	4.069E-01

NU VERSUS ETA

DELTA = 0. ALPHA = 0.80 PSI = 0.06

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.417E-01	3.745E-01	3.308E-01	2.996E-01	2.758E-01	2.569E-01	2.414E-01	2.284E-01	2.173E-01
0.50	0.	0.	0.	0.	4.407E-01	3.992E-01	3.676E-01	3.424E-01	3.218E-01	3.046E-01	2.898E-01
0.75	0.	0.	0.	0.	0.	0.	4.275E-01	3.983E-01	3.744E-01	3.543E-01	3.372E-01
1.00	0.	0.	0.	0.	0.	0.	0.	4.394E-01	4.130E-01	3.909E-01	3.720E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.195E-01	3.992E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.213E-01

NU VERSUS ETA

DELTA = 0.25 ALPHA = 0.80 PSI = 0.06

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.480E-01	3.783E-01	3.334E-01	3.015E-01	2.773E-01	2.581E-01	2.424E-01	2.293E-01	2.181E-01
0.50	0.	0.	0.	0.	4.427E-01	4.007E-01	3.687E-01	3.434E-01	3.226E-01	3.052E-01	2.904E-01
0.75	0.	0.	0.	0.	0.	0.	4.284E-01	3.990E-01	3.750E-01	3.548E-01	3.376E-01
1.00	0.	0.	0.	0.	0.	0.	0.	4.399E-01	4.135E-01	3.913E-01	3.723E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.198E-01	3.995E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.215E-01

NU VERSUS ETA

DELTA = 0.50 ALPHA = 0.80 PSI = 0.06

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.545E-01	3.822E-01	3.361E-01	3.035E-01	2.788E-01	2.593E-01	2.434E-01	2.301E-01	2.188E-01
0.50	0.	0.	0.	0.	4.448E-01	4.022E-01	3.699E-01	3.444E-01	3.234E-01	3.059E-01	2.910E-01
0.75	0.	0.	0.	0.	0.	0.	4.293E-01	3.998E-01	3.756E-01	3.553E-01	3.380E-01
1.00	0.	0.	0.	0.	0.	0.	0.	4.405E-01	4.139E-01	3.917E-01	3.727E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.201E-01	3.997E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.217E-01

NU VERSUS ETA

DELTA = 0.75 ALPHA = 0.80 PSI = 0.06

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.614E-01	3.862E-01	3.389E-01	3.055E-01	2.804E-01	2.606E-01	2.445E-01	2.310E-01	2.196E-01
0.50	0.	0.	0.	0.	4.469E-01	4.038E-01	3.712E-01	3.453E-01	3.242E-01	3.066E-01	2.915E-01
0.75	0.	0.	0.	0.	0.	0.	4.302E-01	4.005E-01	3.762E-01	3.558E-01	3.385E-01
1.00	0.	0.	0.	0.	0.	0.	0.	4.410E-01	4.144E-01	3.920E-01	3.730E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.204E-01	4.000E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.219E-01

NU VERSUS ETA

DELTA = 1.00 ALPHA = 0.80 PSI = 0.06

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.686E-01	3.904E-01	3.417E-01	3.076E-01	2.820E-01	2.619E-01	2.455E-01	2.319E-01	2.203E-01
0.50	0.	0.	0.	0.	4.491E-01	4.054E-01	3.724E-01	3.463E-01	3.251E-01	3.073E-01	2.921E-01
0.75	0.	0.	0.	0.	0.	0.	4.311E-01	4.012E-01	3.768E-01	3.564E-01	3.389E-01
1.00	0.	0.	0.	0.	0.	0.	0.	4.415E-01	4.148E-01	3.924E-01	3.733E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.206E-01	4.002E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.221E-01

NU VERSUS ETA

DELTA = 0. ALPHA = 1.00 PSI = 0.06

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.761E-01	4.060E-01	3.599E-01	3.266E-01	3.011E-01	2.808E-01	2.641E-01	2.501E-01	2.380E-01
0.50	0.	0.	0.	0.	0.	4.311E-01	3.975E-01	3.706E-01	3.486E-01	3.301E-01	3.142E-01
0.75	0.	0.	0.	0.	0.	0.	0.	4.280E-01	4.025E-01	3.811E-01	3.628E-01
1.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.180E-01	3.980E-01

NU VERSUS ETA

DELTA = 0.25 ALPHA = 1.00 PSI = 0.06

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.839E-01	4.108E-01	3.632E-01	3.291E-01	3.030E-01	2.824E-01	2.654E-01	2.512E-01	2.390E-01
0.50	0.	0.	0.	0.	0.	4.330E-01	3.989E-01	3.718E-01	3.496E-01	3.309E-01	3.149E-01
0.75	0.	0.	0.	0.	0.	0.	0.	4.288E-01	4.033E-01	3.818E-01	3.634E-01
1.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.185E-01	3.984E-01

NU VERSUS ETA

DELTA = 0.50 ALPHA = 1.00 PSI = 0.06

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	0.	4.158E-01	3.667E-01	3.316E-01	3.050E-01	2.840E-01	2.667E-01	2.523E-01	2.400E-01
0.50	0.	0.	0.	0.	0.	4.349E-01	4.004E-01	3.730E-01	3.506E-01	3.318E-01	3.157E-01
0.75	0.	0.	0.	0.	0.	0.	0.	4.297E-01	4.040E-01	3.824E-01	3.639E-01
1.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.189E-01	3.987E-01

NU VERSUS ETA

DELTA = 0.75 ALPHA = 1.00 PSI = 0.06

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	0.	4.210E-01	3.702E-01	3.342E-01	3.071E-01	2.856E-01	2.681E-01	2.534E-01	2.410E-01
0.50	0.	0.	0.	0.	0.	4.368E-01	4.019E-01	3.743E-01	3.516E-01	3.326E-01	3.164E-01
0.75	0.	0.	0.	0.	0.	0.	0.	4.306E-01	4.047E-01	3.830E-01	3.644E-01
1.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.194E-01	3.991E-01

NU VERSUS ETA

DELTA = 1.00 ALPHA = 1.00 PSI = 0.06

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	0.	4.263E-01	3.738E-01	3.369E-01	3.091E-01	2.872E-01	2.694E-01	2.546E-01	2.419E-01
0.50	0.	0.	0.	0.	0.	4.388E-01	4.035E-01	3.755E-01	3.526E-01	3.335E-01	3.172E-01
0.75	0.	0.	0.	0.	0.	0.	0.	4.315E-01	4.055E-01	3.836E-01	3.650E-01
1.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.199E-01	3.995E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

NU VERSUS ETA

DELTA = 0. ALPHA = 0.20 PSI = 0.10

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	3.445E-01	2.524E-01	2.087E-01	1.819E-01	1.633E-01	1.494E-01	1.386E-01	1.298E-01	1.225E-01	1.164E-01
0.50	0.	4.738E-01	3.487E-01	2.888E-01	2.519E-01	2.263E-01	2.072E-01	1.922E-01	1.801E-01	1.700E-01	1.614E-01
0.75	0.	0.	4.177E-01	3.464E-01	3.024E-01	2.718E-01	2.489E-01	2.310E-01	2.165E-01	2.044E-01	1.941E-01
1.00	0.	0.	4.724E-01	3.923E-01	3.427E-01	3.081E-01	2.823E-01	2.620E-01	2.456E-01	2.319E-01	2.202E-01
1.25	0.	0.	0.	4.305E-01	3.763E-01	3.385E-01	3.102E-01	2.880E-01	2.699E-01	2.549E-01	2.421E-01
1.50	0.	0.	0.	4.632E-01	4.052E-01	3.646E-01	3.342E-01	3.103E-01	2.909E-01	2.748E-01	2.610E-01
1.75	0.	0.	0.	0.	4.305E-01	3.875E-01	3.553E-01	3.299E-01	3.094E-01	2.922E-01	2.776E-01
2.00	0.	0.	0.	0.	4.530E-01	4.079E-01	3.740E-01	3.474E-01	3.258E-01	3.077E-01	2.924E-01
2.25	0.	0.	0.	0.	0.	4.262E-01	3.909E-01	3.631E-01	3.406E-01	3.217E-01	3.057E-01
2.50	0.	0.	0.	0.	0.	4.428E-01	4.062E-01	3.774E-01	3.540E-01	3.344E-01	3.178E-01
2.75	0.	0.	0.	0.	0.	4.580E-01	4.202E-01	3.905E-01	3.663E-01	3.461E-01	3.289E-01
3.00	0.	0.	0.	0.	0.	0.	4.331E-01	4.025E-01	3.776E-01	3.568E-01	3.391E-01
3.25	0.	0.	0.	0.	0.	0.	4.450E-01	4.136E-01	3.880E-01	3.667E-01	3.485E-01
3.50	0.	0.	0.	0.	0.	0.	0.	4.240E-01	3.978E-01	3.759E-01	3.573E-01
3.75	0.	0.	0.	0.	0.	0.	0.	4.336E-01	4.068E-01	3.845E-01	3.655E-01
4.00	0.	0.	0.	0.	0.	0.	0.	0.	4.153E-01	3.926E-01	3.731E-01
4.25	0.	0.	0.	0.	0.	0.	0.	0.	4.233E-01	4.001E-01	3.804E-01
4.50	0.	0.	0.	0.	0.	0.	0.	0.	4.308E-01	4.072E-01	3.871E-01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.140E-01	3.936E-01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.203E-01	3.996E-01

NU VERSUS ETA

DELTA = 0.25 ALPHA = 0.20 PSI = 0.10

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	3.476E-01	2.536E-01	2.093E-01	1.823E-01	1.636E-01	1.497E-01	1.388E-01	1.300E-01	1.227E-01	1.165E-01
0.50	0.	4.765E-01	3.498E-01	2.894E-01	2.523E-01	2.266E-01	2.074E-01	1.924E-01	1.802E-01	1.701E-01	1.615E-01
0.75	0.	0.	4.186E-01	3.470E-01	3.028E-01	2.721E-01	2.491E-01	2.312E-01	2.166E-01	2.045E-01	1.942E-01
1.00	0.	0.	4.731E-01	3.927E-01	3.430E-01	3.083E-01	2.825E-01	2.621E-01	2.457E-01	2.320E-01	2.203E-01
1.25	0.	0.	0.	4.308E-01	3.765E-01	3.387E-01	3.103E-01	2.881E-01	2.700E-01	2.550E-01	2.422E-01
1.50	0.	0.	0.	4.635E-01	4.054E-01	3.647E-01	3.343E-01	3.104E-01	2.910E-01	2.748E-01	2.611E-01
1.75	0.	0.	0.	0.	4.306E-01	3.876E-01	3.554E-01	3.300E-01	3.094E-01	2.922E-01	2.776E-01
2.00	0.	0.	0.	0.	4.531E-01	4.080E-01	3.741E-01	3.475E-01	3.258E-01	3.078E-01	2.924E-01
2.25	0.	0.	0.	0.	0.	4.263E-01	3.910E-01	3.632E-01	3.406E-01	3.218E-01	3.057E-01
2.50	0.	0.	0.	0.	0.	4.429E-01	4.063E-01	3.775E-01	3.540E-01	3.345E-01	3.178E-01
2.75	0.	0.	0.	0.	0.	4.581E-01	4.203E-01	3.905E-01	3.663E-01	3.461E-01	3.289E-01
3.00	0.	0.	0.	0.	0.	0.	4.332E-01	4.025E-01	3.776E-01	3.568E-01	3.391E-01
3.25	0.	0.	0.	0.	0.	0.	4.451E-01	4.137E-01	3.881E-01	3.667E-01	3.485E-01
3.50	0.	0.	0.	0.	0.	0.	0.	4.240E-01	3.978E-01	3.759E-01	3.573E-01
3.75	0.	0.	0.	0.	0.	0.	0.	4.336E-01	4.069E-01	3.845E-01	3.655E-01
4.00	0.	0.	0.	0.	0.	0.	0.	0.	4.154E-01	3.926E-01	3.732E-01
4.25	0.	0.	0.	0.	0.	0.	0.	0.	4.233E-01	4.001E-01	3.804E-01
4.50	0.	0.	0.	0.	0.	0.	0.	0.	4.309E-01	4.073E-01	3.872E-01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.140E-01	3.936E-01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.204E-01	3.996E-01

NU VERSUS ETA

DELTA = 0.50 ALPHA = 0.20 PSI = 0.10

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	3.507E-01	2.548E-01	2.100E-01	1.828E-01	1.639E-01	1.499E-01	1.390E-01	1.302E-01	1.228E-01	1.166E-01
0.50	0.	4.793E-01	3.509E-01	2.900E-01	2.527E-01	2.269E-01	2.076E-01	1.926E-01	1.804E-01	1.702E-01	1.616E-01
0.75	0.	0.	4.195E-01	3.475E-01	3.031E-01	2.723E-01	2.493E-01	2.313E-01	2.167E-01	2.046E-01	1.943E-01
1.00	0.	0.	4.738E-01	3.931E-01	3.433E-01	3.085E-01	2.826E-01	2.623E-01	2.458E-01	2.321E-01	2.204E-01
1.25	0.	0.	0.	4.312E-01	3.768E-01	3.388E-01	3.105E-01	2.882E-01	2.701E-01	2.551E-01	2.423E-01
1.50	0.	0.	0.	4.638E-01	4.056E-01	3.649E-01	3.344E-01	3.105E-01	2.911E-01	2.749E-01	2.611E-01
1.75	0.	0.	0.	0.	4.308E-01	3.877E-01	3.555E-01	3.301E-01	3.095E-01	2.923E-01	2.777E-01
2.00	0.	0.	0.	0.	4.532E-01	4.081E-01	3.742E-01	3.475E-01	3.259E-01	3.078E-01	2.925E-01
2.25	0.	0.	0.	0.	0.	4.264E-01	3.910E-01	3.632E-01	3.406E-01	3.218E-01	3.058E-01
2.50	0.	0.	0.	0.	0.	4.430E-01	4.063E-01	3.775E-01	3.541E-01	3.345E-01	3.179E-01
2.75	0.	0.	0.	0.	0.	4.581E-01	4.203E-01	3.906E-01	3.663E-01	3.461E-01	3.289E-01
3.00	0.	0.	0.	0.	0.	0.	4.332E-01	4.026E-01	3.776E-01	3.568E-01	3.391E-01
3.25	0.	0.	0.	0.	0.	0.	4.451E-01	4.137E-01	3.881E-01	3.667E-01	3.486E-01
3.50	0.	0.	0.	0.	0.	0.	0.	4.240E-01	3.978E-01	3.759E-01	3.573E-01
3.75	0.	0.	0.	0.	0.	0.	0.	4.336E-01	4.069E-01	3.845E-01	3.655E-01
4.00	0.	0.	0.	0.	0.	0.	0.	0.	4.154E-01	3.926E-01	3.732E-01
4.25	0.	0.	0.	0.	0.	0.	0.	0.	4.234E-01	4.001E-01	3.804E-01
4.50	0.	0.	0.	0.	0.	0.	0.	0.	4.309E-01	4.073E-01	3.872E-01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.140E-01	3.936E-01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.204E-01	3.996E-01

NU VERSUS ETA

DELTA = 0.75 ALPHA = 0.20 PSI = 0.10

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	3.540E-01	2.561E-01	2.107E-01	1.832E-01	1.643E-01	1.502E-01	1.392E-01	1.303E-01	1.230E-01	1.167E-01
0.50	0.	4.821E-01	3.520E-01	2.906E-01	2.531E-01	2.272E-01	2.078E-01	1.927E-01	1.805E-01	1.704E-01	1.617E-01
0.75	0.	0.	4.205E-01	3.480E-01	3.035E-01	2.726E-01	2.495E-01	2.315E-01	2.169E-01	2.047E-01	1.944E-01
1.00	0.	0.	4.746E-01	3.936E-01	3.435E-01	3.088E-01	2.828E-01	2.624E-01	2.459E-01	2.321E-01	2.205E-01
1.25	0.	0.	0.	4.315E-01	3.770E-01	3.390E-01	3.106E-01	2.883E-01	2.702E-01	2.551E-01	2.423E-01
1.50	0.	0.	0.	4.641E-01	4.056E-01	3.650E-01	3.345E-01	3.106E-01	2.911E-01	2.749E-01	2.612E-01
1.75	0.	0.	0.	0.	4.310E-01	3.879E-01	3.555E-01	3.302E-01	3.095E-01	2.923E-01	2.777E-01
2.00	0.	0.	0.	0.	4.534E-01	4.082E-01	3.743E-01	3.476E-01	3.259E-01	3.079E-01	2.925E-01
2.25	0.	0.	0.	0.	0.	4.265E-01	3.911E-01	3.633E-01	3.407E-01	3.218E-01	3.058E-01
2.50	0.	0.	0.	0.	0.	4.430E-01	4.064E-01	3.776E-01	3.541E-01	3.345E-01	3.179E-01
2.75	0.	0.	0.	0.	0.	4.582E-01	4.204E-01	3.906E-01	3.664E-01	3.462E-01	3.290E-01
3.00	0.	0.	0.	0.	0.	0.	4.332E-01	4.026E-01	3.777E-01	3.569E-01	3.391E-01
3.25	0.	0.	0.	0.	0.	0.	4.451E-01	4.137E-01	3.881E-01	3.668E-01	3.486E-01
3.50	0.	0.	0.	0.	0.	0.	0.	4.240E-01	3.978E-01	3.760E-01	3.573E-01
3.75	0.	0.	0.	0.	0.	0.	0.	4.337E-01	4.069E-01	3.846E-01	3.655E-01
4.00	0.	0.	0.	0.	0.	0.	0.	0.	4.154E-01	3.926E-01	3.732E-01
4.25	0.	0.	0.	0.	0.	0.	0.	0.	4.234E-01	4.002E-01	3.804E-01
4.50	0.	0.	0.	0.	0.	0.	0.	0.	4.309E-01	4.073E-01	3.872E-01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.140E-01	3.936E-01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.204E-01	3.996E-01

NU VERSUS ETA

DELTA = 1.00 ALPHA = 0.20 PSI = 0.10

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	3.573E-01	2.573E-01	2.114E-01	1.837E-01	1.646E-01	1.504E-01	1.394E-01	1.305E-01	1.231E-01	1.168E-01
0.50	0.	4.850E-01	3.531E-01	2.912E-01	2.535E-01	2.275E-01	2.081E-01	1.929E-01	1.807E-01	1.705E-01	1.618E-01
0.75	0.	0.	4.214E-01	3.485E-01	3.038E-01	2.728E-01	2.497E-01	2.316E-01	2.170E-01	2.048E-01	1.945E-01
1.00	0.	0.	4.753E-01	3.940E-01	3.438E-01	3.090E-01	2.829E-01	2.625E-01	2.460E-01	2.322E-01	2.205E-01
1.25	0.	0.	0.	4.319E-01	3.772E-01	3.392E-01	3.107E-01	2.884E-01	2.703E-01	2.552E-01	2.424E-01
1.50	0.	0.	0.	4.644E-01	4.060E-01	3.652E-01	3.346E-01	3.107E-01	2.912E-01	2.750E-01	2.612E-01
1.75	0.	0.	0.	0.	4.311E-01	3.880E-01	3.556E-01	3.302E-01	3.096E-01	2.924E-01	2.778E-01
2.00	0.	0.	0.	0.	4.535E-01	4.083E-01	3.743E-01	3.477E-01	3.260E-01	3.079E-01	2.925E-01
2.25	0.	0.	0.	0.	0.	4.265E-01	3.912E-01	3.633E-01	3.407E-01	3.219E-01	3.058E-01
2.50	0.	0.	0.	0.	0.	4.431E-01	4.064E-01	3.776E-01	3.541E-01	3.346E-01	3.179E-01
2.75	0.	0.	0.	0.	0.	4.583E-01	4.204E-01	3.906E-01	3.664E-01	3.462E-01	3.290E-01
3.00	0.	0.	0.	0.	0.	0.	4.333E-01	4.026E-01	3.777E-01	3.569E-01	3.392E-01
3.25	0.	0.	0.	0.	0.	0.	4.452E-01	4.137E-01	3.881E-01	3.668E-01	3.486E-01
3.50	0.	0.	0.	0.	0.	0.	0.	4.241E-01	3.979E-01	3.760E-01	3.574E-01
3.75	0.	0.	0.	0.	0.	0.	0.	4.337E-01	4.069E-01	3.846E-01	3.655E-01
4.00	0.	0.	0.	0.	0.	0.	0.	0.	4.154E-01	3.926E-01	3.732E-01
4.25	0.	0.	0.	0.	0.	0.	0.	0.	4.234E-01	4.002E-01	3.804E-01
4.50	0.	0.	0.	0.	0.	0.	0.	0.	4.309E-01	4.073E-01	3.872E-01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.140E-01	3.936E-01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.204E-01	3.997E-01

NU VERSUS ETA

DELTA = 0. ALPHA = 0.40 PSI = 0.10

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	4.512E-01	3.394E-01	2.834E-01	2.483E-01	2.237E-01	2.052E-01	1.906E-01	1.788E-01	1.689E-01	1.605E-01
0.50	0.	0.	4.610E-01	3.857E-01	3.383E-01	3.049E-01	2.798E-01	2.600E-01	2.439E-01	2.305E-01	2.191E-01
0.75	0.	0.	0.	4.561E-01	4.004E-01	3.611E-01	3.315E-01	3.081E-01	2.891E-01	2.732E-01	2.597E-01
1.00	0.	0.	0.	0.	4.480E-01	4.042E-01	3.712E-01	3.452E-01	3.239E-01	3.062E-01	2.910E-01
1.25	0.	0.	0.	0.	0.	4.392E-01	4.034E-01	3.751E-01	3.521E-01	3.328E-01	3.164E-01
1.50	0.	0.	0.	0.	0.	0.	4.303E-01	4.002E-01	3.757E-01	3.552E-01	3.377E-01
1.75	0.	0.	0.	0.	0.	0.	0.	4.217E-01	3.959E-01	3.743E-01	3.559E-01
2.00	0.	0.	0.	0.	0.	0.	0.	4.404E-01	4.135E-01	3.910E-01	3.718E-01
2.25	0.	0.	0.	0.	0.	0.	0.	0.	4.290E-01	4.057E-01	3.858E-01
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.189E-01	3.983E-01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.096E-01

NU VERSUS ETA

DELTA = 0.25 ALPHA = 0.40 PSI = 0.10

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	4.581E-01	3.423E-01	2.851E-01	2.494E-01	2.245E-01	2.058E-01	1.911E-01	1.792E-01	1.692E-01	1.608E-01
0.50	0.	0.	4.634E-01	3.871E-01	3.392E-01	3.056E-01	2.804E-01	2.605E-01	2.443E-01	2.308E-01	2.193E-01
0.75	0.	0.	0.	4.572E-01	4.012E-01	3.617E-01	3.319E-01	3.085E-01	2.894E-01	2.735E-01	2.599E-01
1.00	0.	0.	0.	0.	4.486E-01	4.047E-01	3.716E-01	3.454E-01	3.241E-01	3.064E-01	2.912E-01
1.25	0.	0.	0.	0.	0.	4.395E-01	4.037E-01	3.754E-01	3.523E-01	3.330E-01	3.166E-01
1.50	0.	0.	0.	0.	0.	0.	4.305E-01	4.004E-01	3.759E-01	3.553E-01	3.378E-01
1.75	0.	0.	0.	0.	0.	0.	0.	4.219E-01	3.960E-01	3.744E-01	3.560E-01
2.00	0.	0.	0.	0.	0.	0.	0.	4.405E-01	4.136E-01	3.911E-01	3.719E-01
2.25	0.	0.	0.	0.	0.	0.	0.	0.	4.291E-01	4.058E-01	3.859E-01
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.189E-01	3.984E-01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.097E-01

NU VERSUS ETA

DELTA = 0.50 ALPHA = 0.40 PSI = 0.10

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	4.653E-01	3.453E-01	2.868E-01	2.506E-01	2.253E-01	2.064E-01	1.916E-01	1.796E-01	1.696E-01	1.611E-01
0.50	0.	0.	4.659E-01	3.886E-01	3.402E-01	3.063E-01	2.809E-01	2.609E-01	2.447E-01	2.311E-01	2.196E-01
0.75	0.	0.	0.	4.584E-01	4.019E-01	3.622E-01	3.324E-01	3.089E-01	2.897E-01	2.737E-01	2.601E-01
1.00	0.	0.	0.	0.	4.492E-01	4.051E-01	3.719E-01	3.457E-01	3.244E-01	3.066E-01	2.914E-01
1.25	0.	0.	0.	0.	0.	4.399E-01	4.039E-01	3.756E-01	3.525E-01	3.332E-01	3.167E-01
1.50	0.	0.	0.	0.	0.	0.	4.307E-01	4.006E-01	3.760E-01	3.554E-01	3.379E-01
1.75	0.	0.	0.	0.	0.	0.	0.	4.220E-01	3.962E-01	3.745E-01	3.561E-01
2.00	0.	0.	0.	0.	0.	0.	0.	4.407E-01	4.137E-01	3.912E-01	3.720E-01
2.25	0.	0.	0.	0.	0.	0.	0.	0.	4.292E-01	4.059E-01	3.860E-01
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.190E-01	3.985E-01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.097E-01

NU VERSUS ETA

DELTA = 0.75 ALPHA = 0.40 PSI = 0.10

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	4.728E-01	3.483E-01	2.885E-01	2.517E-01	2.262E-01	2.071E-01	1.921E-01	1.800E-01	1.699E-01	1.614E-01
0.50	0.	0.	4.685E-01	3.900E-01	3.412E-01	3.071E-01	2.815E-01	2.614E-01	2.450E-01	2.314E-01	2.198E-01
0.75	0.	0.	0.	4.596E-01	4.027E-01	3.628E-01	3.328E-01	3.092E-01	2.900E-01	2.740E-01	2.604E-01
1.00	0.	0.	0.	0.	4.498E-01	4.056E-01	3.723E-01	3.460E-01	3.246E-01	3.067E-01	2.915E-01
1.25	0.	0.	0.	0.	0.	4.402E-01	4.042E-01	3.758E-01	3.527E-01	3.333E-01	3.168E-01
1.50	0.	0.	0.	0.	0.	0.	4.310E-01	4.008E-01	3.762E-01	3.556E-01	3.380E-01
1.75	0.	0.	0.	0.	0.	0.	0.	4.222E-01	3.963E-01	3.746E-01	3.562E-01
2.00	0.	0.	0.	0.	0.	0.	0.	4.408E-01	4.138E-01	3.913E-01	3.720E-01
2.25	0.	0.	0.	0.	0.	0.	0.	0.	4.293E-01	4.059E-01	3.860E-01
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.190E-01	3.985E-01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.097E-01

NU VERSUS ETA

DELTA = 1.00 ALPHA = 0.40 PSI = 0.10

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	4.807E-01	3.514E-01	2.903E-01	2.529E-01	2.270E-01	2.077E-01	1.927E-01	1.804E-01	1.703E-01	1.617E-01
0.50	0.	0.	4.711E-01	3.915E-01	3.422E-01	3.078E-01	2.820E-01	2.618E-01	2.454E-01	2.317E-01	2.201E-01
0.75	0.	0.	0.	4.607E-01	4.036E-01	3.634E-01	3.333E-01	3.096E-01	2.903E-01	2.742E-01	2.606E-01
1.00	0.	0.	0.	0.	4.505E-01	4.060E-01	3.726E-01	3.463E-01	3.248E-01	3.069E-01	2.917E-01
1.25	0.	0.	0.	0.	0.	4.406E-01	4.045E-01	3.760E-01	3.528E-01	3.335E-01	3.170E-01
1.50	0.	0.	0.	0.	0.	0.	4.312E-01	4.010E-01	3.763E-01	3.557E-01	3.381E-01
1.75	0.	0.	0.	0.	0.	0.	0.	4.223E-01	3.964E-01	3.747E-01	3.563E-01
2.00	0.	0.	0.	0.	0.	0.	0.	4.409E-01	4.139E-01	3.914E-01	3.721E-01
2.25	0.	0.	0.	0.	0.	0.	0.	0.	4.294E-01	4.060E-01	3.861E-01
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.191E-01	3.986E-01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.098E-01

NU VERSUS ETA

DELTA = 0. ALPHA = 0.60 PSI = 0.10

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	3.973E-01	3.345E-01	2.944E-01	2.660E-01	2.444E-01	2.274E-01	2.135E-01	2.019E-01	1.919E-01
0.50	0.	0.	0.	4.493E-01	3.958E-01	3.577E-01	3.289E-01	3.060E-01	2.874E-01	2.718E-01	2.584E-01
0.75	0.	0.	0.	0.	4.634E-01	4.190E-01	3.853E-01	3.586E-01	3.368E-01	3.186E-01	3.030E-01
1.00	0.	0.	0.	0.	0.	0.	4.275E-01	3.980E-01	3.739E-01	3.536E-01	3.364E-01
1.25	0.	0.	0.	0.	0.	0.	0.	4.292E-01	4.032E-01	3.814E-01	3.628E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	4.273E-01	4.042E-01	3.846E-01
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.235E-01	4.029E-01
2.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.186E-01

NU VERSUS ETA

DELTA = 0.25 ALPHA = 0.60 PSI = 0.10

	OMEGA										
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.020E-01	3.373E-01	2.963E-01	2.673E-01	2.455E-01	2.282E-01	2.142E-01	2.025E-01	1.925E-01
0.50	0.	0.	0.	4.515E-01	3.973E-01	3.588E-01	3.297E-01	3.067E-01	2.880E-01	2.723E-01	2.589E-01
0.75	0.	0.	0.	0.	4.645E-01	4.198E-01	3.860E-01	3.592E-01	3.373E-01	3.190E-01	3.033E-01
1.00	0.	0.	0.	0.	0.	0.	4.280E-01	3.984E-01	3.742E-01	3.539E-01	3.366E-01
1.25	0.	0.	0.	0.	0.	0.	0.	4.295E-01	4.035E-01	3.816E-01	3.630E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	4.275E-01	4.044E-01	3.847E-01
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.236E-01	4.030E-01
2.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.187E-01

NU VERSUS ETA

DELTA = 0.50 ALPHA = 0.60 PSI = 0.10

	OMEGA										
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.068E-01	3.401E-01	2.982E-01	2.687E-01	2.466E-01	2.291E-01	2.149E-01	2.031E-01	1.930E-01
0.50	0.	0.	0.	4.538E-01	3.988E-01	3.600E-01	3.306E-01	3.074E-01	2.885E-01	2.727E-01	2.593E-01
0.75	0.	0.	0.	0.	4.657E-01	4.207E-01	3.867E-01	3.597E-01	3.377E-01	3.193E-01	3.037E-01
1.00	0.	0.	0.	0.	0.	0.	4.286E-01	3.988E-01	3.745E-01	3.542E-01	3.369E-01
1.25	0.	0.	0.	0.	0.	0.	0.	4.298E-01	4.037E-01	3.819E-01	3.632E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	4.277E-01	4.046E-01	3.849E-01
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.238E-01	4.031E-01
2.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.188E-01

NU VERSUS ETA

DELTA = 0.75 ALPHA = 0.60 PSI = 0.10

	OMEGA										
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.117E-01	3.430E-01	3.001E-01	2.701E-01	2.477E-01	2.300E-01	2.156E-01	2.037E-01	1.935E-01
0.50	0.	0.	0.	4.561E-01	4.004E-01	3.611E-01	3.315E-01	3.081E-01	2.891E-01	2.732E-01	2.597E-01
0.75	0.	0.	0.	0.	4.669E-01	4.216E-01	3.873E-01	3.603E-01	3.382E-01	3.197E-01	3.040E-01
1.00	0.	0.	0.	0.	0.	0.	4.291E-01	3.993E-01	3.749E-01	3.545E-01	3.371E-01
1.25	0.	0.	0.	0.	0.	0.	0.	4.301E-01	4.040E-01	3.821E-01	3.634E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	4.279E-01	4.048E-01	3.850E-01
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.239E-01	4.032E-01
2.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.189E-01

NU VERSUS ETA

DELTA = 1.00 ALPHA = 0.60 PSI = 0.10

	OMEGA										
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.169E-01	3.459E-01	3.021E-01	2.716E-01	2.488E-01	2.309E-01	2.164E-01	2.043E-01	1.940E-01
0.50	0.	0.	0.	4.584E-01	4.020E-01	3.623E-01	3.324E-01	3.089E-01	2.897E-01	2.737E-01	2.602E-01
0.75	0.	0.	0.	0.	4.681E-01	4.225E-01	3.880E-01	3.608E-01	3.386E-01	3.201E-01	3.043E-01
1.00	0.	0.	0.	0.	0.	0.	4.296E-01	3.997E-01	3.752E-01	3.548E-01	3.374E-01
1.25	0.	0.	0.	0.	0.	0.	0.	4.305E-01	4.043E-01	3.823E-01	3.636E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	4.281E-01	4.049E-01	3.852E-01
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.240E-01	4.034E-01
2.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.190E-01

NU VERSUS ETA

DELTA = 0. ALPHA = 0.80 PSI = 0.10

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.405E-01	3.734E-01	3.299E-01	2.988E-01	2.750E-01	2.562E-01	2.407E-01	2.278E-01	2.167E-01
0.50	0.	0.	0.	0.	4.386E-01	3.973E-01	3.658E-01	3.408E-01	3.203E-01	3.031E-01	2.884E-01
0.75	0.	0.	0.	0.	0.	0.	4.248E-01	3.958E-01	3.720E-01	3.521E-01	3.350E-01
1.00	0.	0.	0.	0.	0.	0.	0.	4.361E-01	4.099E-01	3.880E-01	3.692E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.159E-01	3.958E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.174E-01

NU VERSUS ETA

DELTA = 0.25 ALPHA = 0.80 PSI = 0.10

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.467E-01	3.772E-01	3.325E-01	3.007E-01	2.765E-01	2.574E-01	2.417E-01	2.286E-01	2.175E-01
0.50	0.	0.	0.	0.	4.406E-01	3.988E-01	3.670E-01	3.417E-01	3.211E-01	3.038E-01	2.890E-01
0.75	0.	0.	0.	0.	0.	0.	4.257E-01	3.965E-01	3.726E-01	3.526E-01	3.355E-01
1.00	0.	0.	0.	0.	0.	0.	0.	4.366E-01	4.104E-01	3.884E-01	3.695E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.162E-01	3.961E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.176E-01

NU VERSUS ETA

DELTA = 0.50 ALPHA = 0.80 PSI = 0.10

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.533E-01	3.811E-01	3.352E-01	3.026E-01	2.781E-01	2.586E-01	2.428E-01	2.295E-01	2.182E-01
0.50	0.	0.	0.	0.	4.427E-01	4.003E-01	3.682E-01	3.427E-01	3.219E-01	3.044E-01	2.896E-01
0.75	0.	0.	0.	0.	0.	0.	4.266E-01	3.972E-01	3.732E-01	3.531E-01	3.359E-01
1.00	0.	0.	0.	0.	0.	0.	0.	4.372E-01	4.108E-01	3.887E-01	3.699E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.165E-01	3.963E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.178E-01

NU VERSUS ETA

DELTA = 0.75 ALPHA = 0.80 PSI = 0.10

	OMEGA										
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.601E-01	3.852E-01	3.379E-01	3.047E-01	2.796E-01	2.599E-01	2.438E-01	2.304E-01	2.190E-01
0.50	0.	0.	0.	0.	4.448E-01	4.019E-01	3.694E-01	3.437E-01	3.227E-01	3.051E-01	2.902E-01
0.75	0.	0.	0.	0.	0.	0.	4.275E-01	3.980E-01	3.738E-01	3.536E-01	3.363E-01
1.00	0.	0.	0.	0.	0.	0.	0.	4.377E-01	4.113E-01	3.891E-01	3.702E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.168E-01	3.966E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.180E-01

NU VERSUS ETA

DELTA = 1.00 ALPHA = 0.80 PSI = 0.10

	OMEGA										
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.673E-01	3.893E-01	3.407E-01	3.067E-01	2.812E-01	2.611E-01	2.448E-01	2.313E-01	2.197E-01
0.50	0.	0.	0.	0.	4.469E-01	4.035E-01	3.706E-01	3.447E-01	3.235E-01	3.058E-01	2.907E-01
0.75	0.	0.	0.	0.	0.	0.	4.284E-01	3.987E-01	3.744E-01	3.541E-01	3.368E-01
1.00	0.	0.	0.	0.	0.	0.	0.	4.382E-01	4.117E-01	3.895E-01	3.705E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.171E-01	3.968E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.182E-01

NU VERSUS ETA

DELTA = 0. ALPHA = 1.00 PSI = 0.10

	OMEGA										
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.745E-01	4.047E-01	3.597E-01	3.255E-01	3.001E-01	2.798E-01	2.632E-01	2.492E-01	2.372E-01
0.50	0.	0.	0.	0.	0.	4.287E-01	3.952E-01	3.686E-01	3.466E-01	3.282E-01	3.125E-01
0.75	0.	0.	0.	0.	0.	0.	0.	4.249E-01	3.996E-01	3.784E-01	3.602E-01
1.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.145E-01	3.946E-01

NU VERSUS ETA

DELTA = 0.25 ALPHA = 1.00 PSI = 0.10

	OMEGA										
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.823E-01	4.094E-01	3.620E-01	3.280E-01	3.020E-01	2.814E-01	2.645E-01	2.503E-01	2.382E-01
0.50	0.	0.	0.	0.	0.	4.306E-01	3.967E-01	3.698E-01	3.476E-01	3.291E-01	3.132E-01
0.75	0.	0.	0.	0.	0.	0.	0.	4.258E-01	4.003E-01	3.790E-01	3.607E-01
1.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.150E-01	3.950E-01

NU VERSUS ETA

DELTA = 0.50 ALPHA = 1.00 PSI = 0.10

	OMEGA										
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.905E-01	4.144E-01	3.654E-01	3.305E-01	3.040E-01	2.830E-01	2.658E-01	2.514E-01	2.392E-01
0.50	0.	0.	0.	0.	0.	4.325E-01	3.982E-01	3.710E-01	3.486E-01	3.299E-01	3.139E-01
0.75	0.	0.	0.	0.	0.	0.	0.	4.266E-01	4.011E-01	3.796E-01	3.613E-01
1.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.154E-01	3.954E-01

NU VERSUS ETA

DELTA = 0.75 ALPHA = 1.00 PSI = 0.10

	OMEGA										
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	0.	4.196E-01	3.690E-01	3.331E-01	3.060E-01	2.846E-01	2.672E-01	2.526E-01	2.401E-01
0.50	0.	0.	0.	0.	0.	4.344E-01	3.997E-01	3.722E-01	3.496E-01	3.308E-01	3.147E-01
0.75	0.	0.	0.	0.	0.	0.	0.	4.275E-01	4.018E-01	3.802E-01	3.618E-01
1.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.158E-01	3.958E-01

NU VERSUS ETA

DELTA = 1.00 ALPHA = 1.00 PSI = 0.10

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	0.	4.249E-01	3.726E-01	3.358E-01	3.081E-01	2.863E-01	2.685E-01	2.537E-01	2.411E-01
0.50	0.	0.	0.	0.	0.	4.364E-01	4.012E-01	3.734E-01	3.507E-01	3.316E-01	3.154E-01
0.75	0.	0.	0.	0.	0.	0.	0.	4.284E-01	4.025E-01	3.808E-01	3.623E-01
1.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.163E-01	3.961E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

NU VERSUS ETA

DELTA = 0. ALPHA = 0.20 PSI = 0.20

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	3.437E-01	2.518E-01	2.082E-01	1.814E-01	1.629E-01	1.491E-01	1.383E-01	1.295E-01	1.223E-01	1.161E-01
0.50	0.	4.717E-01	3.472E-01	2.875E-01	2.508E-01	2.253E-01	2.063E-01	1.914E-01	1.793E-01	1.692E-01	1.607E-01
0.75	0.	0.	4.151E-01	3.443E-01	3.005E-01	2.701E-01	2.474E-01	2.296E-01	2.151E-01	2.031E-01	1.929E-01
1.00	0.	0.	4.686E-01	3.891E-01	3.399E-01	3.057E-01	2.800E-01	2.599E-01	2.436E-01	2.300E-01	2.185E-01
1.25	0.	0.	0.	4.264E-01	3.727E-01	3.353E-01	3.072E-01	2.852E-01	2.673E-01	2.525E-01	2.398E-01
1.50	0.	0.	0.	4.581E-01	4.007E-01	3.606E-01	3.305E-01	3.069E-01	2.877E-01	2.717E-01	2.581E-01
1.75	0.	0.	0.	4.858E-01	4.251E-01	3.827E-01	3.509E-01	3.259E-01	3.055E-01	2.886E-01	2.742E-01
2.00	0.	0.	0.	0.	4.468E-01	4.023E-01	3.689E-01	3.427E-01	3.213E-01	3.035E-01	2.884E-01
2.25	0.	0.	0.	0.	4.662E-01	4.199E-01	3.851E-01	3.578E-01	3.355E-01	3.170E-01	3.012E-01
2.50	0.	0.	0.	0.	0.	4.358E-01	3.998E-01	3.714E-01	3.484E-01	3.291E-01	3.128E-01
2.75	0.	0.	0.	0.	0.	4.503E-01	4.131E-01	3.839E-01	3.601E-01	3.402E-01	3.233E-01
3.00	0.	0.	0.	0.	0.	0.	4.254E-01	3.953E-01	3.708E-01	3.504E-01	3.330E-01
3.25	0.	0.	0.	0.	0.	0.	4.367E-01	4.059E-01	3.808E-01	3.598E-01	3.420E-01
3.50	0.	0.	0.	0.	0.	0.	0.	4.157E-01	3.900E-01	3.686E-01	3.503E-01
3.75	0.	0.	0.	0.	0.	0.	0.	4.248E-01	3.986E-01	3.767E-01	3.580E-01
4.00	0.	0.	0.	0.	0.	0.	0.	4.333E-01	4.066E-01	3.843E-01	3.653E-01
4.25	0.	0.	0.	0.	0.	0.	0.	0.	4.141E-01	3.914E-01	3.721E-01
4.50	0.	0.	0.	0.	0.	0.	0.	0.	4.212E-01	3.981E-01	3.784E-01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.044E-01	3.845E-01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.104E-01	3.901E-01

NU VERSUS ETA

DELTA = 0.25 ALPHA = 0.20 PSI = 0.20

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	3.468E-01	2.530E-01	2.089E-01	1.819E-01	1.632E-01	1.493E-01	1.385E-01	1.297E-01	1.224E-01	1.162E-01
0.50	0.	4.744E-01	3.483E-01	2.881E-01	2.512E-01	2.256E-01	2.065E-01	1.915E-01	1.794E-01	1.694E-01	1.608E-01
0.75	0.	0.	4.160E-01	3.448E-01	3.009E-01	2.704E-01	2.476E-01	2.297E-01	2.152E-01	2.032E-01	1.930E-01
1.00	0.	0.	4.693E-01	3.896E-01	3.402E-01	3.059E-01	2.802E-01	2.601E-01	2.437E-01	2.301E-01	2.186E-01
1.25	0.	0.	0.	4.267E-01	3.729E-01	3.354E-01	3.073E-01	2.853E-01	2.674E-01	2.525E-01	2.399E-01
1.50	0.	0.	0.	4.584E-01	4.009E-01	3.607E-01	3.306E-01	3.070E-01	2.878E-01	2.718E-01	2.582E-01
1.75	0.	0.	0.	4.860E-01	4.253E-01	3.828E-01	3.510E-01	3.259E-01	3.056E-01	2.886E-01	2.742E-01
2.00	0.	0.	0.	0.	4.469E-01	4.024E-01	3.690E-01	3.427E-01	3.214E-01	3.036E-01	2.884E-01
2.25	0.	0.	0.	0.	4.663E-01	4.200E-01	3.852E-01	3.578E-01	3.356E-01	3.170E-01	3.012E-01
2.50	0.	0.	0.	0.	0.	4.359E-01	3.998E-01	3.715E-01	3.484E-01	3.292E-01	3.128E-01
2.75	0.	0.	0.	0.	0.	4.503E-01	4.132E-01	3.839E-01	3.601E-01	3.403E-01	3.234E-01
3.00	0.	0.	0.	0.	0.	0.	4.254E-01	3.954E-01	3.709E-01	3.504E-01	3.331E-01
3.25	0.	0.	0.	0.	0.	0.	4.367E-01	4.059E-01	3.808E-01	3.598E-01	3.420E-01
3.50	0.	0.	0.	0.	0.	0.	0.	4.157E-01	3.900E-01	3.686E-01	3.503E-01
3.75	0.	0.	0.	0.	0.	0.	0.	4.248E-01	3.986E-01	3.767E-01	3.581E-01
4.00	0.	0.	0.	0.	0.	0.	0.	4.333E-01	4.066E-01	3.843E-01	3.653E-01
4.25	0.	0.	0.	0.	0.	0.	0.	0.	4.141E-01	3.914E-01	3.721E-01
4.50	0.	0.	0.	0.	0.	0.	0.	0.	4.212E-01	3.981E-01	3.784E-01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.044E-01	3.845E-01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.104E-01	3.901E-01

NU VERSUS ETA

DELTA = 0.50 ALPHA = 0.20 PSI = 0.20

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	3.499E-01	2.542E-01	2.095E-01	1.823E-01	1.636E-01	1.496E-01	1.387E-01	1.299E-01	1.225E-01	1.163E-01
0.50	0.	4.772E-01	3.493E-01	2.887E-01	2.516E-01	2.259E-01	2.067E-01	1.917E-01	1.796E-01	1.695E-01	1.609E-01
0.75	0.	0.	4.169E-01	3.453E-01	3.012E-01	2.706E-01	2.478E-01	2.299E-01	2.154E-01	2.033E-01	1.931E-01
1.00	0.	0.	4.701E-01	3.900E-01	3.405E-01	3.061E-01	2.803E-01	2.602E-01	2.438E-01	2.302E-01	2.186E-01
1.25	0.	0.	0.	4.270E-01	3.732E-01	3.356E-01	3.075E-01	2.854E-01	2.675E-01	2.526E-01	2.399E-01
1.50	0.	0.	0.	4.587E-01	4.011E-01	3.609E-01	3.307E-01	3.071E-01	2.879E-01	2.718E-01	2.582E-01
1.75	0.	0.	0.	4.863E-01	4.255E-01	3.829E-01	3.511E-01	3.260E-01	3.056E-01	2.887E-01	2.743E-01
2.00	0.	0.	0.	0.	4.471E-01	4.025E-01	3.691E-01	3.428E-01	3.214E-01	3.036E-01	2.885E-01
2.25	0.	0.	0.	0.	4.664E-01	4.201E-01	3.853E-01	3.579E-01	3.356E-01	3.170E-01	3.012E-01
2.50	0.	0.	0.	0.	0.	4.359E-01	3.999E-01	3.715E-01	3.484E-01	3.292E-01	3.128E-01
2.75	0.	0.	0.	0.	0.	4.504E-01	4.132E-01	3.840E-01	3.602E-01	3.403E-01	3.234E-01
3.00	0.	0.	0.	0.	0.	0.	4.255E-01	3.954E-01	3.709E-01	3.505E-01	3.331E-01
3.25	0.	0.	0.	0.	0.	0.	4.368E-01	4.059E-01	3.808E-01	3.599E-01	3.420E-01
3.50	0.	0.	0.	0.	0.	0.	0.	4.157E-01	3.900E-01	3.686E-01	3.503E-01
3.75	0.	0.	0.	0.	0.	0.	0.	4.248E-01	3.986E-01	3.767E-01	3.581E-01
4.00	0.	0.	0.	0.	0.	0.	0.	4.333E-01	4.066E-01	3.843E-01	3.653E-01
4.25	0.	0.	0.	0.	0.	0.	0.	0.	4.141E-01	3.914E-01	3.721E-01
4.50	0.	0.	0.	0.	0.	0.	0.	0.	4.212E-01	3.981E-01	3.785E-01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.044E-01	3.845E-01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.104E-01	3.902E-01

NU VERSUS ETA

DELTA = 0.75 ALPHA = 0.20 PSI = 0.20

	OMEGA									
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	3.531E-01	2.555E-01	2.102E-01	1.828E-01	1.639E-01	1.498E-01	1.389E-01	1.300E-01	1.227E-01	1.164E-01
0.50	0.	4.800E-01	3.504E-01	2.893E-01	2.520E-01	2.262E-01	2.069E-01	1.919E-01	1.797E-01	1.696E-01	1.610E-01
0.75	0.	0.	4.178E-01	3.458E-01	3.016E-01	2.709E-01	2.480E-01	2.300E-01	2.155E-01	2.034E-01	1.932E-01
1.00	0.	0.	4.708E-01	3.904E-01	3.408E-01	3.063E-01	2.805E-01	2.603E-01	2.439E-01	2.303E-01	2.187E-01
1.25	0.	0.	0.	4.274E-01	3.734E-01	3.358E-01	3.076E-01	2.855E-01	2.676E-01	2.527E-01	2.400E-01
1.50	0.	0.	0.	4.590E-01	4.013E-01	3.610E-01	3.308E-01	3.072E-01	2.879E-01	2.719E-01	2.583E-01
1.75	0.	0.	0.	4.865E-01	4.256E-01	3.831E-01	3.511E-01	3.261E-01	3.057E-01	2.887E-01	2.743E-01
2.00	0.	0.	0.	0.	4.472E-01	4.026E-01	3.692E-01	3.429E-01	3.215E-01	3.037E-01	2.885E-01
2.25	0.	0.	0.	0.	4.665E-01	4.201E-01	3.853E-01	3.579E-01	3.356E-01	3.171E-01	3.013E-01
2.50	0.	0.	0.	0.	0.	4.360E-01	3.999E-01	3.716E-01	3.485E-01	3.292E-01	3.128E-01
2.75	0.	0.	0.	0.	0.	4.505E-01	4.133E-01	3.840E-01	3.602E-01	3.403E-01	3.234E-01
3.00	0.	0.	0.	0.	0.	0.	4.255E-01	3.954E-01	3.709E-01	3.505E-01	3.331E-01
3.25	0.	0.	0.	0.	0.	0.	4.368E-01	4.060E-01	3.809E-01	3.599E-01	3.420E-01
3.50	0.	0.	0.	0.	0.	0.	0.	4.157E-01	3.901E-01	3.686E-01	3.503E-01
3.75	0.	0.	0.	0.	0.	0.	0.	4.248E-01	3.986E-01	3.767E-01	3.581E-01
4.00	0.	0.	0.	0.	0.	0.	0.	4.333E-01	4.066E-01	3.843E-01	3.653E-01
4.25	0.	0.	0.	0.	0.	0.	0.	0.	4.141E-01	3.914E-01	3.721E-01
4.50	0.	0.	0.	0.	0.	0.	0.	0.	4.212E-01	3.981E-01	3.785E-01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.044E-01	3.845E-01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.104E-01	3.902E-01

NU VERSUS ETA

DELTA = 1.00 ALPHA = 0.20 PSI = 0.20

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	3.565E-01	2.567E-01	2.109E-01	1.832E-01	1.642E-01	1.501E-01	1.391E-01	1.302E-01	1.228E-01	1.166E-01
0.50	0.	4.829E-01	3.515E-01	2.900E-01	2.524E-01	2.265E-01	2.072E-01	1.921E-01	1.799E-01	1.697E-01	1.611E-01
0.75	0.	0.	4.187E-01	3.463E-01	3.019E-01	2.711E-01	2.481E-01	2.302E-01	2.156E-01	2.035E-01	1.932E-01
1.00	0.	0.	4.715E-01	3.908E-01	3.411E-01	3.065E-01	2.807E-01	2.604E-01	2.440E-01	2.304E-01	2.188E-01
1.25	0.	0.	0.	4.277E-01	3.736E-01	3.359E-01	3.077E-01	2.856E-01	2.677E-01	2.528E-01	2.401E-01
1.50	0.	0.	0.	4.593E-01	4.015E-01	3.611E-01	3.309E-01	3.072E-01	2.880E-01	2.720E-01	2.583E-01
1.75	0.	0.	0.	4.868E-01	4.258E-01	3.832E-01	3.512E-01	3.261E-01	3.058E-01	2.888E-01	2.743E-01
2.00	0.	0.	0.	0.	4.473E-01	4.027E-01	3.692E-01	3.429E-01	3.215E-01	3.037E-01	2.886E-01
2.25	0.	0.	0.	0.	4.666E-01	4.202E-01	3.854E-01	3.580E-01	3.357E-01	3.171E-01	3.013E-01
2.50	0.	0.	0.	0.	0.	4.361E-01	4.000E-01	3.716E-01	3.485E-01	3.293E-01	3.129E-01
2.75	0.	0.	0.	0.	0.	4.503E-01	4.133E-01	3.840E-01	3.602E-01	3.403E-01	3.234E-01
3.00	0.	0.	0.	0.	0.	0.	4.256E-01	3.955E-01	3.710E-01	3.505E-01	3.331E-01
3.25	0.	0.	0.	0.	0.	0.	4.369E-01	4.060E-01	3.809E-01	3.599E-01	3.421E-01
3.50	0.	0.	0.	0.	0.	0.	0.	4.158E-01	3.901E-01	3.686E-01	3.504E-01
3.75	0.	0.	0.	0.	0.	0.	0.	4.249E-01	3.986E-01	3.767E-01	3.581E-01
4.00	0.	0.	0.	0.	0.	0.	0.	4.334E-01	4.066E-01	3.843E-01	3.653E-01
4.25	0.	0.	0.	0.	0.	0.	0.	0.	4.142E-01	3.914E-01	3.721E-01
4.50	0.	0.	0.	0.	0.	0.	0.	0.	4.212E-01	3.981E-01	3.785E-01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.044E-01	3.845E-01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.104E-01	3.902E-01

NU VERSUS ETA

DELTA = 0. ALPHA = 0.40 PSI = 0.20

	OMEGA									
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	4.492E-01	3.379E-01	2.822E-01	2.472E-01	2.227E-01	2.043E-01	1.898E-01	1.780E-01	1.681E-01	1.598E-01
0.50	0.	0.	4.573E-01	3.826E-01	3.356E-01	3.025E-01	2.776E-01	2.579E-01	2.420E-01	2.286E-01	2.173E-01
0.75	0.	0.	0.	4.511E-01	3.960E-01	3.571E-01	3.278E-01	3.047E-01	2.859E-01	2.702E-01	2.569E-01
1.00	0.	0.	0.	0.	4.419E-01	3.987E-01	3.662E-01	3.405E-01	3.195E-01	3.020E-01	2.871E-01
1.25	0.	0.	0.	0.	0.	4.322E-01	3.970E-01	3.692E-01	3.465E-01	3.276E-01	3.114E-01
1.50	0.	0.	0.	0.	0.	0.	4.226E-01	3.931E-01	3.690E-01	3.489E-01	3.317E-01
1.75	0.	0.	0.	0.	0.	0.	4.444E-01	4.135E-01	3.882E-01	3.670E-01	3.490E-01
2.00	0.	0.	0.	0.	0.	0.	0.	4.311E-01	4.048E-01	3.828E-01	3.640E-01
2.25	0.	0.	0.	0.	0.	0.	0.	0.	4.194E-01	3.966E-01	3.772E-01
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.089E-01	3.889E-01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.994E-01
3.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.089E-01

NU VERSUS ETA

DELTA = 0.25 ALPHA = 0.40 PSI = 0.20

	OMEGA									
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	4.561E-01	3.408E-01	2.838E-01	2.483E-01	2.235E-01	2.049E-01	1.903E-01	1.784E-01	1.685E-01	1.601E-01
0.50	0.	0.	4.597E-01	3.840E-01	3.365E-01	3.032E-01	2.781E-01	2.584E-01	2.423E-01	2.290E-01	2.176E-01
0.75	0.	0.	0.	4.522E-01	3.967E-01	3.577E-01	3.283E-01	3.051E-01	2.862E-01	2.705E-01	2.571E-01
1.00	0.	0.	0.	0.	4.425E-01	3.992E-01	3.665E-01	3.407E-01	3.197E-01	3.022E-01	2.872E-01
1.25	0.	0.	0.	0.	0.	4.325E-01	3.973E-01	3.694E-01	3.467E-01	3.277E-01	3.116E-01
1.50	0.	0.	0.	0.	0.	0.	4.228E-01	3.933E-01	3.692E-01	3.490E-01	3.318E-01
1.75	0.	0.	0.	0.	0.	0.	4.446E-01	4.136E-01	3.883E-01	3.671E-01	3.491E-01
2.00	0.	0.	0.	0.	0.	0.	0.	4.312E-01	4.049E-01	3.828E-01	3.640E-01
2.25	0.	0.	0.	0.	0.	0.	0.	0.	4.195E-01	3.967E-01	3.772E-01
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.090E-01	3.889E-01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.995E-01
3.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.090E-01

NU VERSUS ETA

DELTA = 0.50 ALPHA = 0.40 PSI = 0.20

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	4.632E-01	3.438E-01	2.855E-01	2.495E-01	2.243E-01	2.055E-01	1.908E-01	1.788E-01	1.688E-01	**1.604E-01**
0.50	0.	0.	4.622E-01	3.855E-01	3.375E-01	3.039E-01	2.787E-01	2.588E-01	2.427E-01	2.293E-01	**2.178E-01**
0.75	0.	0.	0.	4.533E-01	3.975E-01	3.582E-01	3.287E-01	3.054E-01	2.865E-01	2.707E-01	**2.573E-01**
1.00	0.	0.	0.	0.	4.431E-01	3.996E-01	3.668E-01	3.410E-01	3.200E-01	3.024E-01	**2.874E-01**
1.25	0.	0.	0.	0.	0.	4.329E-01	3.975E-01	3.696E-01	3.469E-01	3.279E-01	**3.117E-01**
1.50	0.	0.	0.	0.	0.	0.	4.231E-01	3.935E-01	3.693E-01	3.491E-01	**3.319E-01**
1.75	0.	0.	0.	0.	0.	0.	4.448E-01	4.138E-01	3.884E-01	3.672E-01	**3.492E-01**
2.00	0.	0.	0.	0.	0.	0.	0.	4.314E-01	4.050E-01	3.829E-01	**3.641E-01**
2.25	0.	0.	0.	0.	0.	0.	0.	0.	4.196E-01	3.967E-01	**3.773E-01**
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.090E-01	**3.890E-01**
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	**3.995E-01**
3.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	**4.090E-01**

NU VERSUS ETA

DELTA = 0.75 ALPHA = 0.40 PSI = 0.20

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	4.708E-01	3.468E-01	2.873E-01	2.506E-01	2.252E-01	2.062E-01	1.913E-01	1.792E-01	1.692E-01	**1.607E-01**
0.50	0.	0.	4.647E-01	3.869E-01	3.385E-01	3.046E-01	2.792E-01	2.593E-01	2.431E-01	2.296E-01	**2.181E-01**
0.75	0.	0.	0.	4.545E-01	3.983E-01	3.588E-01	3.291E-01	3.058E-01	2.868E-01	2.710E-01	**2.575E-01**
1.00	0.	0.	0.	0.	4.437E-01	4.001E-01	3.672E-01	3.413E-01	3.202E-01	3.026E-01	**2.876E-01**
1.25	0.	0.	0.	0.	0.	4.332E-01	3.978E-01	3.698E-01	3.471E-01	3.280E-01	**3.118E-01**
1.50	0.	0.	0.	0.	0.	0.	4.233E-01	3.936E-01	3.694E-01	3.492E-01	**3.320E-01**
1.75	0.	0.	0.	0.	0.	0.	4.450E-01	4.139E-01	3.885E-01	3.673E-01	**3.492E-01**
2.00	0.	0.	0.	0.	0.	0.	0.	4.315E-01	4.051E-01	3.830E-01	**3.642E-01**
2.25	0.	0.	0.	0.	0.	0.	0.	0.	4.196E-01	3.968E-01	**3.773E-01**
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.091E-01	**3.890E-01**
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	**3.996E-01**
3.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	**4.091E-01**

NU VERSUS ETA

DELTA = 1.00 ALPHA = 0.40 PSI = 0.20

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	4.786E-01	3.499E-01	2.890E-01	2.518E-01	2.260E-01	2.068E-01	1.918E-01	1.797E-01	1.695E-01	1.610E-01
0.50	0.	0.	4.673E-01	3.884E-01	3.395E-01	3.053E-01	2.798E-01	2.597E-01	2.434E-01	2.299E-01	2.183E-01
0.75	0.	0.	0.	4.556E-01	3.990E-01	3.594E-01	3.296E-01	3.061E-01	2.871E-01	2.712E-01	2.577E-01
1.00	0.	0.	0.	0.	4.443E-01	4.005E-01	3.675E-01	3.416E-01	3.204E-01	3.028E-01	2.877E-01
1.25	0.	0.	0.	0.	0.	4.336E-01	3.981E-01	3.701E-01	3.472E-01	3.282E-01	3.119E-01
1.50	0.	0.	0.	0.	0.	0.	4.235E-01	3.938E-01	3.696E-01	3.494E-01	3.321E-01
1.75	0.	0.	0.	0.	0.	0.	4.452E-01	4.140E-01	3.886E-01	3.674E-01	3.493E-01
2.00	0.	0.	0.	0.	0.	0.	0.	4.316E-01	4.052E-01	3.831E-01	3.643E-01
2.25	0.	0.	0.	0.	0.	0.	0.	0.	4.197E-01	3.969E-01	3.774E-01
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.092E-01	3.891E-01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.996E-01
3.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.091E-01

NU VERSUS ETA

DELTA = 0. ALPHA = 0.60 PSI = 0.20

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	5.144E-01	3.949E-01	3.324E-01	2.926E-01	2.643E-01	2.429E-01	2.260E-01	2.121E-01	2.006E-01	1.907E-01
0.50	0.	0.	0.	4.443E-01	3.914E-01	3.537E-01	3.252E-01	3.026E-01	2.842E-01	2.688E-01	2.556E-01
0.75	0.	0.	0.	0.	4.565E-01	4.128E-01	3.796E-01	3.533E-01	3.319E-01	3.139E-01	2.985E-01
1.00	0.	0.	0.	0.	0.	4.565E-01	4.199E-01	3.909E-01	3.672E-01	3.473E-01	3.304E-01
1.25	0.	0.	0.	0.	0.	0.	0.	4.204E-01	3.950E-01	3.736E-01	3.554E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	4.177E-01	3.951E-01	3.759E-01
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.132E-01	3.931E-01
2.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.078E-01

NU VERSUS ETA

DELTA = 0.25 ALPHA = 0.60 PSI = 0.20

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	3.994E-01	3.352E-01	2.944E-01	2.656E-01	2.439E-01	2.268E-01	2.128E-01	2.012E-01	1.912E-01
0.50	0.	0.	0.	4.466E-01	3.929E-01	3.549E-01	3.261E-01	3.033E-01	2.848E-01	2.693E-01	2.560E-01
0.75	0.	0.	0.	0.	4.577E-01	4.136E-01	3.803E-01	3.539E-01	3.323E-01	3.142E-01	2.989E-01
1.00	0.	0.	0.	0.	0.	0.	4.204E-01	3.913E-01	3.675E-01	3.476E-01	3.306E-01
1.25	0.	0.	0.	0.	0.	0.	0.	4.208E-01	3.952E-01	3.739E-01	3.556E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	4.179E-01	3.953E-01	3.761E-01
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.133E-01	3.932E-01
2.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.079E-01

NU VERSUS ETA

DELTA = 0.50 ALPHA = 0.60 PSI = 0.20

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.042E-01	3.380E-01	2.963E-01	2.670E-01	2.450E-01	2.277E-01	2.136E-01	2.018E-01	1.918E-01
0.50	0.	0.	0.	4.488E-01	3.944E-01	3.560E-01	3.270E-01	3.040E-01	2.854E-01	2.697E-01	2.564E-01
0.75	0.	0.	0.	0.	4.588E-01	4.145E-01	3.809E-01	3.544E-01	3.327E-01	3.146E-01	2.992E-01
1.00	0.	0.	0.	0.	0.	0.	4.209E-01	3.917E-01	3.679E-01	3.479E-01	3.309E-01
1.25	0.	0.	0.	0.	0.	0.	0.	4.211E-01	3.955E-01	3.741E-01	3.558E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	4.181E-01	3.955E-01	3.762E-01
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.135E-01	3.933E-01
2.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.080E-01

NU VERSUS ETA

DELTA = 0.75 ALPHA = 0.60 PSI = 0.20

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.091E-01	3.408E-01	2.982E-01	2.684E-01	2.461E-01	2.285E-01	2.143E-01	2.024E-01	1.923E-01
0.50	0.	0.	0.	4.511E-01	3.960E-01	3.571E-01	3.278E-01	3.047E-01	2.859E-01	2.702E-01	2.569E-01
0.75	0.	0.	0.	0.	4.600E-01	4.154E-01	3.816E-01	3.549E-01	3.332E-01	3.150E-01	2.995E-01
1.00	0.	0.	0.	0.	0.	0.	4.214E-01	3.921E-01	3.682E-01	3.482E-01	3.311E-01
1.25	0.	0.	0.	0.	0.	0.	0.	4.214E-01	3.958E-01	3.743E-01	3.560E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	4.183E-01	3.957E-01	3.764E-01
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.136E-01	3.934E-01
2.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.081E-01

NU VERSUS ETA

DELTA = 1.00 ALPHA = 0.60 PSI = 0.20

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.142E-01	3.438E-01	3.002E-01	2.699E-01	2.472E-01	2.294E-01	2.150E-01	2.030E-01	1.928E-01
0.50	0.	0.	0.	4.534E-01	3.975E-01	3.583E-01	3.287E-01	3.055E-01	2.865E-01	2.707E-01	2.573E-01
0.75	0.	0.	0.	0.	4.612E-01	4.162E-01	3.823E-01	3.555E-01	3.336E-01	3.154E-01	2.998E-01
1.00	0.	0.	0.	0.	0.	0.	4.219E-01	3.925E-01	3.686E-01	3.485E-01	3.314E-01
1.25	0.	0.	0.	0.	0.	0.	0.	4.217E-01	3.960E-01	3.745E-01	3.562E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	4.185E-01	3.958E-01	3.765E-01
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.137E-01	3.936E-01
2.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.082E-01

NU VERSUS ETA

DELTA = 0. ALPHA = 0.80 PSI = 0.20

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.370E-01	3.705E-01	3.273E-01	2.964E-01	2.728E-01	2.541E-01	2.388E-01	2.260E-01	2.150E-01
0.50	0.	0.	0.	0.	4.326E-01	3.919E-01	3.608E-01	3.361E-01	3.159E-01	2.990E-01	2.845E-01
0.75	0.	0.	0.	0.	0.	4.531E-01	4.172E-01	3.888E-01	3.654E-01	3.458E-01	3.291E-01
1.00	0.	0.	0.	0.	0.	0.	0.	4.269E-01	4.013E-01	3.798E-01	3.614E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.061E-01	3.864E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.066E-01

NU VERSUS ETA

DELTA = 0.25 ALPHA = 0.80 PSI = 0.20

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.432E-01	3.742E-01	3.299E-01	2.983E-01	2.743E-01	2.553E-01	2.398E-01	2.268E-01	2.157E-01
0.50	0.	0.	0.	0.	4.346E-01	3.934E-01	3.620E-01	3.371E-01	3.167E-01	2.996E-01	2.850E-01
0.75	0.	0.	0.	0.	0.	4.542E-01	4.181E-01	3.895E-01	3.660E-01	3.463E-01	3.295E-01
1.00	0.	0.	0.	0.	0.	0.	0.	4.274E-01	4.017E-01	3.802E-01	3.617E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.063E-01	3.867E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.068E-01

NU VERSUS ETA

DELTA = 0.50 ALPHA = 0.80 PSI = 0.20

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.497E-01	3.781E-01	3.325E-01	3.002E-01	2.758E-01	2.566E-01	2.408E-01	2.277E-01	2.165E-01
0.50	0.	0.	0.	0.	4.367E-01	3.949E-01	3.632E-01	3.380E-01	3.175E-01	3.003E-01	2.856E-01
0.75	0.	0.	0.	0.	0.	4.553E-01	4.190E-01	3.902E-01	3.666E-01	3.468E-01	3.299E-01
1.00	0.	0.	0.	0.	0.	0.	0.	4.279E-01	4.022E-01	3.805E-01	3.621E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.066E-01	3.869E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.070E-01

NU VERSUS ETA

DELTA = 0.75 ALPHA = 0.80 PSI = 0.20

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.564E-01	3.821E-01	3.352E-01	3.022E-01	2.774E-01	2.578E-01	2.418E-01	2.285E-01	2.172E-01
0.50	0.	0.	0.	0.	4.387E-01	3.964E-01	3.644E-01	3.390E-01	3.183E-01	3.010E-01	2.862E-01
0.75	0.	0.	0.	0.	0.	4.564E-01	4.198E-01	3.909E-01	3.672E-01	3.473E-01	3.304E-01
1.00	0.	0.	0.	0.	0.	0.	0.	4.285E-01	4.026E-01	3.809E-01	3.624E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.069E-01	3.872E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.072E-01

NU VERSUS ETA

DELTA = 1.00 ALPHA = 0.80 PSI = 0.20

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.635E-01	3.862E-01	3.380E-01	3.043E-01	2.789E-01	2.591E-01	2.429E-01	2.294E-01	2.180E-01
0.50	0.	0.	0.	0.	4.408E-01	3.980E-01	3.656E-01	3.400E-01	3.191E-01	3.017E-01	2.868E-01
0.75	0.	0.	0.	0.	0.	0.	4.207E-01	3.916E-01	3.677E-01	3.478E-01	3.308E-01
1.00	0.	0.	0.	0.	0.	0.	0.	4.290E-01	4.030E-01	3.813E-01	3.627E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.072E-01	3.874E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.073E-01

NU VERSUS ETA

DELTA = 0. ALPHA = 1.00 PSI = 0.20

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.700E-01	4.008E-01	3.553E-01	3.224E-01	2.972E-01	2.772E-01	2.607E-01	2.468E-01	2.350E-01
0.50	0.	0.	0.	0.	4.640E-01	4.219E-01	3.890E-01	3.627E-01	3.411E-01	3.230E-01	3.075E-01
0.75	0.	0.	0.	0.	0.	0.	0.	4.162E-01	3.915E-01	3.707E-01	3.529E-01
1.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.047E-01	3.852E-01

NU VERSUS ETA

DELTA = 0.25 ALPHA = 1.00 PSI = 0.20

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.777E-01	4.055E-01	3.585E-01	3.248E-01	2.991E-01	2.787E-01	2.620E-01	2.479E-01	2.359E-01
0.50	0.	0.	0.	0.	4.674E-01	4.237E-01	3.904E-01	3.639E-01	3.421E-01	3.238E-01	3.082E-01
0.75	0.	0.	0.	0.	0.	0.	0.	4.171E-01	3.922E-01	3.713E-01	3.534E-01
1.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.051E-01	3.856E-01

NU VERSUS ETA

DELTA = 0.50 ALPHA = 1.00 PSI = 0.20

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.858E-01	4.104E-01	3.619E-01	3.274E-01	3.011E-01	2.803E-01	2.633E-01	2.490E-01	2.369E-01
0.50	0.	0.	0.	0.	0.	4.256E-01	3.919E-01	3.651E-01	3.431E-01	3.247E-01	3.089E-01
0.75	0.	0.	0.	0.	0.	0.	0.	4.179E-01	3.929E-01	3.719E-01	3.539E-01
1.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.055E-01	3.860E-01

NU VERSUS ETA

DELTA = 0.75 ALPHA = 1.00 PSI = 0.20

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.943E-01	4.155E-01	3.654E-01	3.299E-01	3.031E-01	2.819E-01	2.646E-01	2.502E-01	2.378E-01
0.50	0.	0.	0.	0.	0.	4.275E-01	3.934E-01	3.663E-01	3.441E-01	3.255E-01	3.097E-01
0.75	0.	0.	0.	0.	0.	0.	0.	4.188E-01	3.936E-01	3.725E-01	3.544E-01
1.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.060E-01	3.864E-01

NU VERSUS ETA

DELTA = 1.00 ALPHA = 1.00 PSI = 0.20

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	5.033E-01	4.208E-01	3.690E-01	3.326E-01	3.051E-01	2.835E-01	2.660E-01	2.513E-01	2.388E-01
0.50	0.	0.	0.	0.	0.	4.294E-01	3.949E-01	3.675E-01	3.451E-01	3.264E-01	3.104E-01
0.75	0.	0.	0.	0.	0.	0.	0.	4.197E-01	3.943E-01	3.731E-01	3.550E-01
1.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	4.064E-01	3.867E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

NU VERSUS ETA

DELTA = 0. ALPHA = 0.20 PSI = 0.40

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	3.414E-01	2.501E-01	2.068E-01	1.802E-01	1.618E-01	1.481E-01	1.373E-01	1.287E-01	1.214E-01	1.153E-01
0.50	0.	4.657E-01	3.427E-01	2.838E-01	2.476E-01	2.224E-01	2.036E-01	1.889E-01	1.770E-01	1.671E-01	1.587E-01
0.75	0.	5.516E-01	4.076E-01	3.380E-01	2.951E-01	2.652E-01	2.429E-01	2.254E-01	2.112E-01	1.994E-01	1.894E-01
1.00	0.	0.	4.579E-01	3.802E-01	3.322E-01	2.987E-01	2.736E-01	2.540E-01	2.380E-01	2.248E-01	2.135E-01
1.25	0.	0.	4.988E-01	4.148E-01	3.626E-01	3.261E-01	2.989E-01	2.775E-01	2.601E-01	2.456E-01	2.333E-01
1.50	0.	0.	0.	4.439E-01	3.883E-01	3.494E-01	3.202E-01	2.974E-01	2.788E-01	2.633E-01	2.501E-01
1.75	0.	0.	0.	4.690E-01	4.104E-01	3.695E-01	3.387E-01	3.146E-01	2.950E-01	2.786E-01	2.647E-01
2.00	0.	0.	0.	0.	4.299E-01	3.871E-01	3.550E-01	3.297E-01	3.092E-01	2.921E-01	2.775E-01
2.25	0.	0.	0.	0.	4.472E-01	4.028E-01	3.694E-01	3.432E-01	3.218E-01	3.040E-01	2.889E-01
2.50	0.	0.	0.	0.	4.626E-01	4.168E-01	3.824E-01	3.553E-01	3.332E-01	3.148E-01	2.991E-01
2.75	0.	0.	0.	0.	0.	4.295E-01	3.941E-01	3.662E-01	3.435E-01	3.246E-01	3.084E-01
3.00	0.	0.	0.	0.	0.	4.411E-01	4.048E-01	3.762E-01	3.529E-01	3.334E-01	3.169E-01
3.25	0.	0.	0.	0.	0.	0.	4.146E-01	3.853E-01	3.615E-01	3.416E-01	3.247E-01
3.50	0.	0.	0.	0.	0.	0.	4.236E-01	3.938E-01	3.694E-01	3.491E-01	3.318E-01
3.75	0.	0.	0.	0.	0.	0.	0.	4.016E-01	3.768E-01	3.561E-01	3.385E-01
4.00	0.	0.	0.	0.	0.	0.	0.	4.088E-01	3.836E-01	3.626E-01	3.447E-01
4.25	0.	0.	0.	0.	0.	0.	0.	0.	3.900E-01	3.686E-01	3.504E-01
4.50	0.	0.	0.	0.	0.	0.	0.	0.	3.960E-01	3.743E-01	3.558E-01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	4.016E-01	3.796E-01	3.609E-01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.847E-01	3.657E-01

NU VERSUS ETA

DELTA = 0.25 ALPHA = 0.20 PSI = 0.40

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	3.444E-01	2.513E-01	2.074E-01	1.806E-01	1.621E-01	1.483E-01	1.375E-01	1.288E-01	1.216E-01	1.154E-01
0.50	0.	4.683E-01	3.438E-01	2.844E-01	2.480E-01	2.227E-01	2.038E-01	1.891E-01	1.771E-01	1.672E-01	1.588E-01
0.75	0.	5.538E-01	4.085E-01	3.385E-01	2.954E-01	2.655E-01	2.431E-01	2.256E-01	2.113E-01	1.995E-01	1.895E-01
1.00	0.	0.	4.586E-01	3.806E-01	3.324E-01	2.989E-01	2.738E-01	2.541E-01	2.381E-01	2.248E-01	2.135E-01
1.25	0.	0.	4.994E-01	4.151E-01	3.628E-01	3.263E-01	2.990E-01	2.776E-01	2.602E-01	2.457E-01	2.334E-01
1.50	0.	0.	0.	4.442E-01	3.884E-01	3.495E-01	3.204E-01	2.974E-01	2.788E-01	2.633E-01	2.502E-01
1.75	0.	0.	0.	4.692E-01	4.106E-01	3.696E-01	3.388E-01	3.147E-01	2.950E-01	2.786E-01	2.647E-01
2.00	0.	0.	0.	0.	4.300E-01	3.872E-01	3.550E-01	3.298E-01	3.092E-01	2.921E-01	2.775E-01
2.25	0.	0.	0.	0.	4.473E-01	4.028E-01	3.695E-01	3.432E-01	3.219E-01	3.041E-01	2.889E-01
2.50	0.	0.	0.	0.	4.627E-01	4.169E-01	3.824E-01	3.553E-01	3.332E-01	3.148E-01	2.992E-01
2.75	0.	0.	0.	0.	0.	4.296E-01	3.941E-01	3.662E-01	3.435E-01	3.246E-01	3.085E-01
3.00	0.	0.	0.	0.	0.	4.412E-01	4.048E-01	3.762E-01	3.529E-01	3.335E-01	3.169E-01
3.25	0.	0.	0.	0.	0.	0.	4.146E-01	3.854E-01	3.615E-01	3.416E-01	3.247E-01
3.50	0.	0.	0.	0.	0.	0.	4.237E-01	3.938E-01	3.695E-01	3.492E-01	3.319E-01
3.75	0.	0.	0.	0.	0.	0.	0.	4.016E-01	3.768E-01	3.561E-01	3.385E-01
4.00	0.	0.	0.	0.	0.	0.	0.	4.089E-01	3.837E-01	3.626E-01	3.447E-01
4.25	0.	0.	0.	0.	0.	0.	0.	0.	3.900E-01	3.687E-01	3.504E-01
4.50	0.	0.	0.	0.	0.	0.	0.	0.	3.960E-01	3.743E-01	3.559E-01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	4.016E-01	3.797E-01	3.609E-01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.847E-01	3.657E-01

NU VERSUS ETA

DELTA = 0.50 ALPHA = 0.20 PSI = 0.40

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	3.475E-01	2.525E-01	2.081E-01	1.811E-01	1.624E-01	1.486E-01	1.377E-01	1.290E-01	1.217E-01	1.155E-01
0.50	0.	4.711E-01	3.449E-01	2.850E-01	2.484E-01	2.230E-01	2.041E-01	1.893E-01	1.773E-01	1.673E-01	1.589E-01
0.75	0.	5.560E-01	4.093E-01	3.390E-01	2.957E-01	2.657E-01	2.433E-01	2.257E-01	2.115E-01	1.996E-01	1.896E-01
1.00	0.	0.	4.593E-01	3.811E-01	3.327E-01	2.991E-01	2.739E-01	2.542E-01	2.382E-01	2.249E-01	2.136E-01
1.25	0.	0.	5.000E-01	4.154E-01	3.630E-01	3.265E-01	2.991E-01	2.777E-01	2.602E-01	2.457E-01	2.334E-01
1.50	0.	0.	0.	4.445E-01	3.886E-01	3.497E-01	3.205E-01	2.975E-01	2.789E-01	2.634E-01	2.502E-01
1.75	0.	0.	0.	4.695E-01	4.108E-01	3.697E-01	3.389E-01	3.147E-01	2.951E-01	2.787E-01	2.648E-01
2.00	0.	0.	0.	0.	4.302E-01	3.873E-01	3.551E-01	3.298E-01	3.093E-01	2.921E-01	2.776E-01
2.25	0.	0.	0.	0.	4.474E-01	4.029E-01	3.695E-01	3.433E-01	3.219E-01	3.041E-01	2.890E-01
2.50	0.	0.	0.	0.	4.628E-01	4.170E-01	3.825E-01	3.553E-01	3.333E-01	3.149E-01	2.992E-01
2.75	0.	0.	0.	0.	0.	4.297E-01	3.942E-01	3.663E-01	3.436E-01	3.246E-01	3.085E-01
3.00	0.	0.	0.	0.	0.	4.412E-01	4.049E-01	3.762E-01	3.529E-01	3.335E-01	3.169E-01
3.25	0.	0.	0.	0.	0.	0.	4.147E-01	3.854E-01	3.616E-01	3.417E-01	3.247E-01
3.50	0.	0.	0.	0.	0.	0.	4.237E-01	3.938E-01	3.695E-01	3.492E-01	3.319E-01
3.75	0.	0.	0.	0.	0.	0.	0.	4.016E-01	3.768E-01	3.561E-01	3.385E-01
4.00	0.	0.	0.	0.	0.	0.	0.	4.089E-01	3.837E-01	3.626E-01	3.447E-01
4.25	0.	0.	0.	0.	0.	0.	0.	0.	3.901E-01	3.687E-01	3.505E-01
4.50	0.	0.	0.	0.	0.	0.	0.	0.	3.960E-01	3.743E-01	3.559E-01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	4.016E-01	3.797E-01	3.609E-01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.847E-01	3.657E-01

NU VERSUS ETA

DELTA = 0.75 ALPHA = 0.20 PSI = 0.40

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	3.507E-01	2.537E-01	2.088E-01	1.815E-01	1.628E-01	1.488E-01	1.379E-01	1.291E-01	1.218E-01	1.156E-01
0.50	0.	4.738E-01	3.459E-01	2.856E-01	2.488E-01	2.233E-01	2.043E-01	1.894E-01	1.774E-01	1.674E-01	1.590E-01
0.75	0.	5.582E-01	4.102E-01	3.395E-01	2.961E-01	2.659E-01	2.435E-01	2.258E-01	2.116E-01	1.997E-01	1.897E-01
1.00	0.	0.	4.600E-01	3.815E-01	3.330E-01	2.993E-01	2.741E-01	2.543E-01	2.383E-01	2.250E-01	2.137E-01
1.25	0.	0.	5.006E-01	4.158E-01	3.632E-01	3.266E-01	2.992E-01	2.778E-01	2.603E-01	2.458E-01	2.335E-01
1.50	0.	0.	0.	4.447E-01	3.888E-01	3.498E-01	3.206E-01	2.976E-01	2.790E-01	2.635E-01	2.503E-01
1.75	0.	0.	0.	4.697E-01	4.109E-01	3.698E-01	3.390E-01	3.148E-01	2.951E-01	2.787E-01	2.648E-01
2.00	0.	0.	0.	0.	4.303E-01	3.874E-01	3.552E-01	3.299E-01	3.093E-01	2.922E-01	2.776E-01
2.25	0.	0.	0.	0.	4.475E-01	4.030E-01	3.696E-01	3.433E-01	3.220E-01	3.041E-01	2.890E-01
2.50	0.	0.	0.	0.	4.629E-01	4.170E-01	3.825E-01	3.554E-01	3.333E-01	3.149E-01	2.992E-01
2.75	0.	0.	0.	0.	0.	4.297E-01	3.942E-01	3.663E-01	3.436E-01	3.246E-01	3.085E-01
3.00	0.	0.	0.	0.	0.	4.413E-01	4.049E-01	3.763E-01	3.530E-01	3.335E-01	3.170E-01
3.25	0.	0.	0.	0.	0.	0.	4.147E-01	3.854E-01	3.616E-01	3.417E-01	3.247E-01
3.50	0.	0.	0.	0.	0.	0.	4.237E-01	3.938E-01	3.695E-01	3.492E-01	3.319E-01
3.75	0.	0.	0.	0.	0.	0.	0.	4.016E-01	3.769E-01	3.562E-01	3.385E-01
4.00	0.	0.	0.	0.	0.	0.	0.	4.089E-01	3.837E-01	3.626E-01	3.447E-01
4.25	0.	0.	0.	0.	0.	0.	0.	0.	3.901E-01	3.687E-01	3.505E-01
4.50	0.	0.	0.	0.	0.	0.	0.	0.	3.960E-01	3.744E-01	3.559E-01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	4.017E-01	3.797E-01	3.609E-01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.847E-01	3.657E-01

NU VERSUS ETA

DELTA = 1.00 ALPHA = 0.20 PSI = 0.40

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	3.540E-01	2.550E-01	2.095E-01	1.820E-01	1.631E-01	1.491E-01	1.381E-01	1.293E-01	1.220E-01	1.158E-01
0.50	0.	4.767E-01	3.470E-01	2.862E-01	2.492E-01	2.236E-01	2.045E-01	1.896E-01	1.776E-01	1.676E-01	1.591E-01
0.75	0.	5.605E-01	4.111E-01	3.400E-01	2.964E-01	2.662E-01	2.436E-01	2.260E-01	2.117E-01	1.998E-01	1.897E-01
1.00	0.	0.	4.607E-01	3.819E-01	3.333E-01	2.995E-01	2.742E-01	2.545E-01	2.384E-01	2.251E-01	2.138E-01
1.25	0.	0.	5.012E-01	4.161E-01	3.635E-01	3.268E-01	2.994E-01	2.779E-01	2.604E-01	2.459E-01	2.335E-01
1.50	0.	0.	0.	4.450E-01	3.890E-01	3.499E-01	3.207E-01	2.977E-01	2.791E-01	2.635E-01	2.503E-01
1.75	0.	0.	0.	4.699E-01	4.111E-01	3.699E-01	3.391E-01	3.149E-01	2.952E-01	2.788E-01	2.649E-01
2.00	0.	0.	0.	0.	4.304E-01	3.875E-01	3.553E-01	3.300E-01	3.094E-01	2.922E-01	2.776E-01
2.25	0.	0.	0.	0.	4.476E-01	4.031E-01	3.697E-01	3.434E-01	3.220E-01	3.042E-01	2.890E-01
2.50	0.	0.	0.	0.	4.630E-01	4.171E-01	3.826E-01	3.554E-01	3.333E-01	3.149E-01	2.993E-01
2.75	0.	0.	0.	0.	0.	4.298E-01	3.943E-01	3.664E-01	3.436E-01	3.247E-01	3.085E-01
3.00	0.	0.	0.	0.	0.	4.413E-01	4.050E-01	3.763E-01	3.530E-01	3.335E-01	3.170E-01
3.25	0.	0.	0.	0.	0.	0.	4.147E-01	3.854E-01	3.616E-01	3.417E-01	3.247E-01
3.50	0.	0.	0.	0.	0.	0.	4.238E-01	3.939E-01	3.695E-01	3.492E-01	3.319E-01
3.75	0.	0.	0.	0.	0.	0.	0.	4.017E-01	3.769E-01	3.562E-01	3.385E-01
4.00	0.	0.	0.	0.	0.	0.	0.	4.089E-01	3.837E-01	3.627E-01	3.447E-01
4.25	0.	0.	0.	0.	0.	0.	0.	0.	3.901E-01	3.687E-01	3.505E-01
4.50	0.	0.	0.	0.	0.	0.	0.	0.	3.961E-01	3.744E-01	3.559E-01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	4.017E-01	3.797E-01	3.609E-01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.847E-01	3.657E-01

NU VERSUS ETA

DELTA = 0. ALPHA = 0.40 PSI = 0.40

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	4.435E-01	3.336E-01	2.785E-01	2.440E-01	2.198E-01	2.016E-01	1.873E-01	1.757E-01	1.660E-01	1.577E-01
0.50	0.	0.	4.468E-01	3.738E-01	3.279E-01	2.955E-01	2.712E-01	2.520E-01	2.364E-01	2.234E-01	2.123E-01
0.75	0.	0.	0.	4.371E-01	3.837E-01	3.460E-01	3.177E-01	2.953E-01	2.771E-01	2.618E-01	2.489E-01
1.00	0.	0.	0.	4.840E-01	4.252E-01	3.837E-01	3.523E-01	3.276E-01	3.074E-01	2.906E-01	2.762E-01
1.25	0.	0.	0.	0.	4.579E-01	4.134E-01	3.797E-01	3.531E-01	3.314E-01	3.133E-01	2.979E-01
1.50	0.	0.	0.	0.	0.	4.377E-01	4.022E-01	3.741E-01	3.511E-01	3.320E-01	3.156E-01
1.75	0.	0.	0.	0.	0.	0.	4.210E-01	3.917E-01	3.677E-01	3.477E-01	3.306E-01
2.00	0.	0.	0.	0.	0.	0.	0.	4.068E-01	3.820E-01	3.612E-01	3.434E-01
2.25	0.	0.	0.	0.	0.	0.	0.	0.	3.944E-01	3.729E-01	3.546E-01
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.833E-01	3.645E-01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.733E-01

NU VERSUS ETA

DELTA = 0.25 ALPHA = 0.40 PSI = 0.40

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	4.502E-01	3.364E-01	2.802E-01	2.452E-01	2.206E-01	2.023E-01	1.878E-01	1.761E-01	1.663E-01	1.580E-01
0.50	0.	0.	4.492E-01	3.752E-01	3.288E-01	2.962E-01	2.717E-01	2.525E-01	2.368E-01	2.237E-01	2.126E-01
0.75	0.	0.	0.	4.382E-01	3.844E-01	3.466E-01	3.181E-01	2.956E-01	2.773E-01	2.621E-01	2.491E-01
1.00	0.	0.	0.	4.849E-01	4.258E-01	3.841E-01	3.526E-01	3.278E-01	3.076E-01	2.908E-01	2.764E-01
1.25	0.	0.	0.	0.	4.584E-01	4.137E-01	3.800E-01	3.533E-01	3.316E-01	3.135E-01	2.980E-01
1.50	0.	0.	0.	0.	0.	4.380E-01	4.024E-01	3.742E-01	3.513E-01	3.321E-01	3.157E-01
1.75	0.	0.	0.	0.	0.	0.	4.212E-01	3.918E-01	3.678E-01	3.478E-01	3.307E-01
2.00	0.	0.	0.	0.	0.	0.	0.	4.069E-01	3.821E-01	3.612E-01	3.435E-01
2.25	0.	0.	0.	0.	0.	0.	0.	0.	3.944E-01	3.730E-01	3.547E-01
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.834E-01	3.646E-01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.734E-01

NU VERSUS ETA

DELTA = 0.50 ALPHA = 0.40 PSI = 0.40

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	4.573E-01	3.393E-01	2.819E-01	2.463E-01	2.215E-01	2.029E-01	1.883E-01	1.765E-01	1.667E-01	1.583E-01
0.50	0.	0.	4.516E-01	3.766E-01	3.298E-01	2.969E-01	2.723E-01	2.529E-01	2.371E-01	2.240E-01	2.128E-01
0.75	0.	0.	0.	4.393E-01	3.851E-01	3.471E-01	3.185E-01	2.960E-01	2.776E-01	2.623E-01	2.493E-01
1.00	0.	0.	0.	4.857E-01	4.264E-01	3.845E-01	3.530E-01	3.281E-01	3.079E-01	2.909E-01	2.765E-01
1.25	0.	0.	0.	0.	4.589E-01	4.140E-01	3.802E-01	3.535E-01	3.318E-01	3.136E-01	2.981E-01
1.50	0.	0.	0.	0.	0.	4.382E-01	4.026E-01	3.744E-01	3.514E-01	3.322E-01	3.158E-01
1.75	0.	0.	0.	0.	0.	0.	4.214E-01	3.920E-01	3.679E-01	3.479E-01	3.308E-01
2.00	0.	0.	0.	0.	0.	0.	0.	4.070E-01	3.821E-01	3.613E-01	3.436E-01
2.25	0.	0.	0.	0.	0.	0.	0.	0.	3.945E-01	3.731E-01	3.548E-01
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.834E-01	3.646E-01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.734E-01

NU VERSUS ETA

DELTA = 0.75 ALPHA = 0.40 PSI = 0.40

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	4.647E-01	3.423E-01	2.836E-01	2.474E-01	2.223E-01	2.035E-01	1.888E-01	1.769E-01	1.670E-01	1.586E-01
0.50	0.	0.	4.541E-01	3.791E-01	3.307E-01	2.976E-01	2.728E-01	2.533E-01	2.375E-01	2.243E-01	2.131E-01
0.75	0.	0.	0.	4.404E-01	3.859E-01	3.477E-01	3.189E-01	2.963E-01	2.779E-01	2.625E-01	2.495E-01
1.00	0.	0.	0.	4.866E-01	4.269E-01	3.849E-01	3.533E-01	3.284E-01	3.081E-01	2.911E-01	2.767E-01
1.25	0.	0.	0.	0.	4.593E-01	4.144E-01	3.805E-01	3.537E-01	3.320E-01	3.137E-01	2.982E-01
1.50	0.	0.	0.	0.	0.	4.385E-01	4.028E-01	3.746E-01	3.516E-01	3.323E-01	3.159E-01
1.75	0.	0.	0.	0.	0.	0.	4.215E-01	3.921E-01	3.681E-01	3.480E-01	3.308E-01
2.00	0.	0.	0.	0.	0.	0.	0.	4.071E-01	3.822E-01	3.614E-01	3.436E-01
2.25	0.	0.	0.	0.	0.	0.	0.	0.	3.946E-01	3.731E-01	3.548E-01
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.835E-01	3.647E-01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.735E-01

NU VERSUS ETA

DELTA = 1.00 ALPHA = 0.40 PSI = 0.40

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	4.725E-01	3.454E-01	2.853E-01	2.486E-01	2.231E-01	2.042E-01	1.894E-01	1.774E-01	1.674E-01	1.589E-01
0.50	0.	0.	4.566E-01	3.795E-01	3.317E-01	2.983E-01	2.734E-01	2.538E-01	2.379E-01	2.246E-01	2.133E-01
0.75	0.	0.	0.	4.415E-01	3.866E-01	3.482E-01	3.193E-01	2.966E-01	2.782E-01	2.628E-01	2.497E-01
1.00	0.	0.	0.	4.875E-01	4.275E-01	3.854E-01	3.536E-01	3.286E-01	3.083E-01	2.913E-01	2.769E-01
1.25	0.	0.	0.	0.	4.598E-01	4.147E-01	3.807E-01	3.540E-01	3.321E-01	3.139E-01	2.984E-01
1.50	0.	0.	0.	0.	0.	4.388E-01	4.030E-01	3.747E-01	3.517E-01	3.324E-01	3.160E-01
1.75	0.	0.	0.	0.	0.	0.	4.217E-01	3.922E-01	3.682E-01	3.481E-01	3.309E-01
2.00	0.	0.	0.	0.	0.	0.	0.	4.073E-01	3.823E-01	3.615E-01	3.437E-01
2.25	0.	0.	0.	0.	0.	0.	0.	0.	3.947E-01	3.732E-01	3.549E-01
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.835E-01	3.647E-01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.735E-01

NU VERSUS ETA

DELTA = 0. ALPHA = 0.60 PSI = 0.40

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	5.050E-01	3.877E-01	3.264E-01	2.873E-01	2.595E-01	2.385E-01	2.219E-01	2.083E-01	1.969E-01	1.873E-01
0.50	0.	0.	5.106E-01	4.305E-01	3.792E-01	3.428E-01	3.151E-01	2.932E-01	2.754E-01	2.604E-01	2.477E-01
0.75	0.	0.	0.	0.	4.379E-01	3.959E-01	3.641E-01	3.389E-01	3.183E-01	3.011E-01	2.864E-01
1.00	0.	0.	0.	0.	0.	4.344E-01	3.996E-01	3.720E-01	3.494E-01	3.305E-01	3.144E-01
1.25	0.	0.	0.	0.	0.	0.	0.	3.975E-01	3.734E-01	3.532E-01	3.360E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	3.927E-01	3.715E-01	3.535E-01
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.867E-01	3.679E-01

NU VERSUS ETA

DELTA = 0.25 ALPHA = 0.60 PSI = 0.40

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	5.151E-01	3.922E-01	3.291E-01	2.891E-01	2.608E-01	2.395E-01	2.227E-01	2.090E-01	1.975E-01	1.878E-01
0.50	0.	0.	5.141E-01	4.327E-01	3.807E-01	3.438E-01	3.160E-01	2.939E-01	2.759E-01	2.609E-01	2.481E-01
0.75	0.	0.	0.	0.	4.390E-01	3.968E-01	3.648E-01	3.394E-01	3.187E-01	3.014E-01	2.867E-01
1.00	0.	0.	0.	0.	0.	4.350E-01	4.000E-01	3.724E-01	3.497E-01	3.308E-01	3.146E-01
1.25	0.	0.	0.	0.	0.	0.	0.	3.978E-01	3.737E-01	3.535E-01	3.362E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	3.929E-01	3.717E-01	3.536E-01
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.869E-01	3.680E-01

NU VERSUS ETA

DELTA = 0.50 ALPHA = 0.60 PSI = 0.40

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	5.258E-01	3.969E-01	3.318E-01	2.909E-01	2.622E-01	2.406E-01	2.235E-01	2.097E-01	1.981E-01	1.883E-01
0.50	0.	0.	0.	4.349E-01	3.822E-01	3.449E-01	3.168E-01	2.946E-01	2.765E-01	2.614E-01	2.485E-01
0.75	0.	0.	0.	0.	4.401E-01	3.976E-01	3.654E-01	3.400E-01	3.192E-01	3.018E-01	2.870E-01
1.00	0.	0.	0.	0.	0.	4.356E-01	4.005E-01	3.728E-01	3.501E-01	3.311E-01	3.148E-01
1.25	0.	0.	0.	0.	0.	0.	0.	3.981E-01	3.739E-01	3.537E-01	3.364E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	3.931E-01	3.719E-01	3.537E-01
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.870E-01	3.681E-01

NU VERSUS ETA

DELTA = 0.75 ALPHA = 0.60 PSI = 0.40

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	5.373E-01	4.017E-01	3.346E-01	2.928E-01	2.636E-01	2.416E-01	2.244E-01	2.104E-01	1.987E-01	1.888E-01
0.50	0.	0.	0.	4.371E-01	3.837E-01	3.460E-01	3.177E-01	2.953E-01	2.771E-01	2.618E-01	2.489E-01
0.75	0.	0.	0.	0.	4.412E-01	3.984E-01	3.660E-01	3.405E-01	3.196E-01	3.021E-01	2.873E-01
1.00	0.	0.	0.	0.	0.	4.362E-01	4.010E-01	3.731E-01	3.504E-01	3.313E-01	3.151E-01
1.25	0.	0.	0.	0.	0.	0.	0.	3.984E-01	3.742E-01	3.539E-01	3.366E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	3.933E-01	3.720E-01	3.539E-01
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.871E-01	3.682E-01

NU VERSUS ETA

DELTA = 1.00 ALPHA = 0.60 PSI = 0.40

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	5.495E-01	4.067E-01	3.375E-01	2.948E-01	2.650E-01	2.427E-01	2.253E-01	2.111E-01	1.993E-01	1.893E-01
0.50	0.	0.	0.	4.393E-01	3.852E-01	3.471E-01	3.185E-01	2.960E-01	2.776E-01	2.623E-01	2.493E-01
0.75	0.	0.	0.	0.	4.424E-01	3.992E-01	3.667E-01	3.410E-01	3.200E-01	3.025E-01	2.876E-01
1.00	0.	0.	0.	0.	0.	4.369E-01	4.015E-01	3.735E-01	3.507E-01	3.316E-01	3.153E-01
1.25	0.	0.	0.	0.	0.	0.	0.	3.987E-01	3.744E-01	3.541E-01	3.368E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	3.935E-01	3.722E-01	3.540E-01
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.872E-01	3.684E-01

NU VERSUS ETA

DELTA = 0. ALPHA = 0.80 PSI = 0.40

	OMEGA									
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	5.472E-01	4.270E-01	3.620E-01	3.198E-01	2.896E-01	2.666E-01	2.483E-01	2.333E-01	2.208E-01	2.101E-01
0.50	0.	0.	0.	4.709E-01	4.162E-01	3.770E-01	3.472E-01	3.234E-01	3.040E-01	2.877E-01	2.737E-01
0.75	0.	0.	0.	0.	0.	4.311E-01	3.970E-01	3.699E-01	3.477E-01	3.291E-01	3.131E-01
1.00	0.	0.	0.	0.	0.	0.	0.	4.028E-01	3.787E-01	3.584E-01	3.410E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.806E-01	3.622E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.791E-01

NU VERSUS ETA

DELTA = 0.25 ALPHA = 0.80 PSI = 0.40

	OMEGA									
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.330E-01	3.656E-01	3.223E-01	2.914E-01	2.680E-01	2.495E-01	2.343E-01	2.216E-01	2.108E-01
0.50	0.	0.	0.	4.737E-01	4.182E-01	3.785E-01	3.483E-01	3.243E-01	3.047E-01	2.883E-01	2.743E-01
0.75	0.	0.	0.	0.	0.	4.322E-01	3.979E-01	3.706E-01	3.483E-01	3.295E-01	3.135E-01
1.00	0.	0.	0.	0.	0.	0.	0.	4.033E-01	3.791E-01	3.587E-01	3.413E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.809E-01	3.625E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.792E-01

NU VERSUS ETA

DELTA = 0.50 ALPHA = 0.80 PSI = 0.40

	OMEGA									
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.394E-01	3.694E-01	3.249E-01	2.934E-01	2.695E-01	2.507E-01	2.353E-01	2.225E-01	2.115E-01
0.50	0.	0.	0.	4.766E-01	4.201E-01	3.799E-01	3.494E-01	3.253E-01	3.055E-01	2.889E-01	2.748E-01
0.75	0.	0.	0.	0.	0.	4.332E-01	3.987E-01	3.713E-01	3.488E-01	3.300E-01	3.139E-01
1.00	0.	0.	0.	0.	0.	0.	0.	4.038E-01	3.795E-01	3.591E-01	3.416E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.811E-01	3.627E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.794E-01

NU VERSUS ETA

DELTA = 0.75 ALPHA = 0.80 PSI = 0.40

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.460E-01	3.733E-01	3.275E-01	2.953E-01	2.710E-01	2.519E-01	2.363E-01	2.233E-01	2.122E-01
0.50	0.	0.	0.	4.795E-01	4.221E-01	3.814E-01	3.506E-01	3.262E-01	3.063E-01	2.896E-01	2.754E-01
0.75	0.	0.	0.	0.	0.	4.343E-01	3.995E-01	3.719E-01	3.494E-01	3.305E-01	3.144E-01
1.00	0.	0.	0.	0.	0.	0.	0.	4.043E-01	3.799E-01	3.594E-01	3.419E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.814E-01	3.629E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.796E-01

NU VERSUS ETA

DELTA = 1.00 ALPHA = 0.80 PSI = 0.40

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.529E-01	3.774E-01	3.303E-01	2.973E-01	2.726E-01	2.531E-01	2.373E-01	2.242E-01	2.130E-01
0.50	0.	0.	0.	4.825E-01	4.242E-01	3.829E-01	3.517E-01	3.271E-01	3.070E-01	2.902E-01	2.759E-01
0.75	0.	0.	0.	0.	0.	4.354E-01	4.004E-01	3.726E-01	3.499E-01	3.310E-01	3.148E-01
1.00	0.	0.	0.	0.	0.	0.	0.	4.048E-01	3.803E-01	3.598E-01	3.422E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.817E-01	3.631E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.798E-01

NU VERSUS ETA

DELTA = 0. ALPHA = 1.00 PSI = 0.40

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.572E-01	3.899E-01	3.456E-01	3.136E-01	2.891E-01	2.696E-01	2.536E-01	2.401E-01	2.286E-01
0.50	0.	0.	0.	0.	4.447E-01	4.035E-01	3.720E-01	3.469E-01	3.263E-01	3.090E-01	2.941E-01
0.75	0.	0.	0.	0.	0.	0.	4.220E-01	3.935E-01	3.701E-01	3.505E-01	3.336E-01
1.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.793E-01	3.611E-01

NU VERSUS ETA

DELTA = 0.25 ALPHA = 1.00 PSI = 0.40

	OMEGA										
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.647E-01	3.945E-01	3.488E-01	3.160E-01	2.910E-01	2.711E-01	2.549E-01	2.412E-01	2.295E-01
0.50	0.	0.	0.	0.	4.470E-01	4.053E-01	3.734E-01	3.480E-01	3.272E-01	3.097E-01	2.948E-01
0.75	0.	0.	0.	0.	0.	0.	4.230E-01	3.943E-01	3.708E-01	3.510E-01	3.341E-01
1.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.797E-01	3.614E-01

NU VERSUS ETA

DELTA = 0.50 ALPHA = 1.00 PSI = 0.40

	OMEGA										
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.726E-01	3.993E-01	3.521E-01	3.185E-01	2.929E-01	2.727E-01	2.561E-01	2.423E-01	2.304E-01
0.50	0.	0.	0.	0.	4.494E-01	4.071E-01	3.748E-01	3.492E-01	3.282E-01	3.105E-01	2.955E-01
0.75	0.	0.	0.	0.	0.	0.	4.240E-01	3.951E-01	3.715E-01	3.516E-01	3.346E-01
1.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.801E-01	3.618E-01

NU VERSUS ETA

DELTA = 0.75 ALPHA = 1.00 PSI = 0.40

	OMEGA										
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.808E-01	4.043E-01	3.555E-01	3.210E-01	2.949E-01	2.742E-01	2.574E-01	2.434E-01	2.314E-01
0.50	0.	0.	0.	0.	4.519E-01	4.089E-01	3.762E-01	3.503E-01	3.291E-01	3.114E-01	2.962E-01
0.75	0.	0.	0.	0.	0.	0.	4.250E-01	3.959E-01	3.721E-01	3.522E-01	3.351E-01
1.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.805E-01	3.622E-01

NU VERSUS ETA

DELTA = 1.00 ALPHA = 1.00 PSI = 0.40

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.896E-01	4.094E-01	3.590E-01	3.235E-01	2.968E-01	2.758E-01	2.587E-01	2.445E-01	2.323E-01
0.50	0.	0.	0.	0.	4.544E-01	4.107E-01	3.777E-01	3.515E-01	3.301E-01	3.122E-01	2.969E-01
0.75	0.	0.	0.	0.	0.	0.	4.260E-01	3.967E-01	3.728E-01	3.527E-01	3.356E-01
1.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.810E-01	3.625E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

NU VERSUS ETA

DELTA = 0. ALPHA = 0.20 PSI = 0.60

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	3.369E-01	2.468E-01	2.040E-01	1.778E-01	1.597E-01	1.461E-01	1.355E-01	1.269E-01	1.198E-01	1.138E-01
0.50	0.	4.544E-01	3.344E-01	2.769E-01	2.415E-01	2.170E-01	1.987E-01	1.843E-01	1.727E-01	1.630E-01	1.548E-01
0.75	0.	5.330E-01	3.939E-01	3.266E-01	2.851E-01	2.563E-01	2.347E-01	2.178E-01	2.041E-01	1.927E-01	1.830E-01
1.00	0.	0.	4.387E-01	3.644E-01	3.183E-01	2.862E-01	2.622E-01	2.434E-01	2.281E-01	2.154E-01	2.046E-01
1.25	0.	0.	4.745E-01	3.945E-01	3.449E-01	3.102E-01	2.843E-01	2.639E-01	2.474E-01	2.336E-01	2.219E-01
1.50	0.	0.	5.039E-01	4.195E-01	3.669E-01	3.302E-01	3.026E-01	2.810E-01	2.634E-01	2.488E-01	2.364E-01
1.75	0.	0.	0.	4.406E-01	3.856E-01	3.471E-01	3.183E-01	2.956E-01	2.771E-01	2.617E-01	2.487E-01
2.00	0.	0.	0.	4.589E-01	4.018E-01	3.618E-01	3.318E-01	3.082E-01	2.890E-01	2.730E-01	2.593E-01
2.25	0.	0.	0.	0.	4.159E-01	3.746E-01	3.436E-01	3.192E-01	2.994E-01	2.828E-01	2.687E-01
2.50	0.	0.	0.	0.	4.285E-01	3.860E-01	3.541E-01	3.290E-01	3.086E-01	2.916E-01	2.771E-01
2.75	0.	0.	0.	0.	0.	3.962E-01	3.636E-01	3.378E-01	3.169E-01	2.994E-01	2.845E-01
3.00	0.	0.	0.	0.	0.	4.054E-01	3.721E-01	3.458E-01	3.244E-01	3.065E-01	2.913E-01
3.25	0.	0.	0.	0.	0.	0.	3.798E-01	3.530E-01	3.312E-01	3.129E-01	2.974E-01
3.50	0.	0.	0.	0.	0.	0.	3.869E-01	3.596E-01	3.374E-01	3.188E-01	3.031E-01
3.75	0.	0.	0.	0.	0.	0.	0.	3.657E-01	3.431E-01	3.243E-01	3.082E-01
4.00	0.	0.	0.	0.	0.	0.	0.	3.713E-01	3.484E-01	3.293E-01	3.130E-01
4.25	0.	0.	0.	0.	0.	0.	0.	0.	3.533E-01	3.339E-01	3.174E-01
4.50	0.	0.	0.	0.	0.	0.	0.	0.	3.579E-01	3.383E-01	3.216E-01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.423E-01	3.254E-01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.461E-01	3.291E-01

NU VERSUS ETA

DELTA = 0.25 ALPHA = 0.20 PSI = 0.60

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	3.399E-01	2.480E-01	2.047E-01	1.782E-01	1.600E-01	1.464E-01	1.357E-01	1.271E-01	1.200E-01	1.139E-01
0.50	0.	4.570E-01	3.354E-01	2.775E-01	2.419E-01	2.173E-01	1.989E-01	1.845E-01	1.728E-01	1.631E-01	1.549E-01
0.75	0.	5.351E-01	3.947E-01	3.271E-01	2.855E-01	2.565E-01	2.349E-01	2.180E-01	2.042E-01	1.928E-01	1.831E-01
1.00	0.	0.	4.394E-01	3.647E-01	3.186E-01	2.864E-01	2.623E-01	2.435E-01	2.282E-01	2.155E-01	2.046E-01
1.25	0.	0.	4.750E-01	3.948E-01	3.451E-01	3.104E-01	2.844E-01	2.640E-01	2.475E-01	2.337E-01	2.220E-01
1.50	0.	0.	5.044E-01	4.198E-01	3.671E-01	3.303E-01	3.027E-01	2.811E-01	2.635E-01	2.489E-01	2.364E-01
1.75	0.	0.	0.	4.409E-01	3.858E-01	3.472E-01	3.183E-01	2.956E-01	2.772E-01	2.618E-01	2.487E-01
2.00	0.	0.	0.	4.591E-01	4.019E-01	3.619E-01	3.318E-01	3.082E-01	2.890E-01	2.730E-01	2.594E-01
2.25	0.	0.	0.	0.	4.160E-01	3.747E-01	3.437E-01	3.193E-01	2.994E-01	2.828E-01	2.688E-01
2.50	0.	0.	0.	0.	4.286E-01	3.861E-01	3.542E-01	3.291E-01	3.086E-01	2.916E-01	2.771E-01
2.75	0.	0.	0.	0.	0.	3.963E-01	3.636E-01	3.379E-01	3.169E-01	2.994E-01	2.845E-01
3.00	0.	0.	0.	0.	0.	4.055E-01	3.721E-01	3.458E-01	3.244E-01	3.065E-01	2.913E-01
3.25	0.	0.	0.	0.	0.	0.	3.798E-01	3.530E-01	3.312E-01	3.130E-01	2.974E-01
3.50	0.	0.	0.	0.	0.	0.	3.869E-01	3.596E-01	3.374E-01	3.189E-01	3.031E-01
3.75	0.	0.	0.	0.	0.	0.	0.	3.657E-01	3.431E-01	3.243E-01	3.082E-01
4.00	0.	0.	0.	0.	0.	0.	0.	3.713E-01	3.484E-01	3.293E-01	3.130E-01
4.25	0.	0.	0.	0.	0.	0.	0.	0.	3.533E-01	3.340E-01	3.175E-01
4.50	0.	0.	0.	0.	0.	0.	0.	0.	3.579E-01	3.383E-01	3.216E-01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.423E-01	3.254E-01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.461E-01	3.291E-01

NU VERSUS ETA

DELTA = 0.50 ALPHA = 0.20 PSI = 0.60

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	3.429E-01	2.492E-01	2.054E-01	1.787E-01	1.603E-01	1.466E-01	1.359E-01	1.273E-01	1.201E-01	1.140E-01
0.50	0.	4.596E-01	3.365E-01	2.781E-01	2.423E-01	2.176E-01	1.991E-01	1.847E-01	1.730E-01	1.632E-01	1.550E-01
0.75	0.	5.372E-01	3.956E-01	3.276E-01	2.858E-01	2.567E-01	2.351E-01	2.181E-01	2.043E-01	1.929E-01	1.832E-01
1.00	0.	0.	4.401E-01	3.651E-01	3.188E-01	2.866E-01	2.625E-01	2.436E-01	2.283E-01	2.155E-01	2.047E-01
1.25	0.	0.	4.756E-01	3.952E-01	3.453E-01	3.105E-01	2.845E-01	2.641E-01	2.476E-01	2.338E-01	2.220E-01
1.50	0.	0.	5.049E-01	4.200E-01	3.673E-01	3.304E-01	3.028E-01	2.812E-01	2.636E-01	2.489E-01	2.365E-01
1.75	0.	0.	0.	4.411E-01	3.859E-01	3.473E-01	3.184E-01	2.957E-01	2.772E-01	2.618E-01	2.488E-01
2.00	0.	0.	0.	4.592E-01	4.020E-01	3.620E-01	3.319E-01	3.083E-01	2.891E-01	2.730E-01	2.594E-01
2.25	0.	0.	0.	0.	4.161E-01	3.748E-01	3.437E-01	3.193E-01	2.994E-01	2.829E-01	2.688E-01
2.50	0.	0.	0.	0.	4.287E-01	3.862E-01	3.542E-01	3.291E-01	3.087E-01	2.916E-01	2.771E-01
2.75	0.	0.	0.	0.	0.	3.964E-01	3.636E-01	3.379E-01	3.169E-01	2.994E-01	2.846E-01
3.00	0.	0.	0.	0.	0.	4.055E-01	3.721E-01	3.458E-01	3.244E-01	3.065E-01	2.913E-01
3.25	0.	0.	0.	0.	0.	0.	3.799E-01	3.530E-01	3.312E-01	3.130E-01	2.975E-01
3.50	0.	0.	0.	0.	0.	0.	3.869E-01	3.596E-01	3.374E-01	3.189E-01	3.031E-01
3.75	0.	0.	0.	0.	0.	0.	0.	3.657E-01	3.431E-01	3.243E-01	3.082E-01
4.00	0.	0.	0.	0.	0.	0.	0.	3.713E-01	3.484E-01	3.293E-01	3.130E-01
4.25	0.	0.	0.	0.	0.	0.	0.	0.	3.533E-01	3.340E-01	3.175E-01
4.50	0.	0.	0.	0.	0.	0.	0.	0.	3.579E-01	3.383E-01	3.216E-01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.423E-01	3.255E-01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.461E-01	3.291E-01

NU VERSUS ETA

DELTA = 0.75 ALPHA = 0.20 PSI = 0.60

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	3.461E-01	2.504E-01	2.060E-01	1.791E-01	1.606E-01	1.468E-01	1.361E-01	1.274E-01	1.202E-01	1.141E-01
0.50	0.	4.623E-01	3.375E-01	2.787E-01	2.427E-01	2.178E-01	1.993E-01	1.848E-01	1.731E-01	1.634E-01	1.551E-01
0.75	0.	5.394E-01	3.964E-01	3.281E-01	2.861E-01	2.570E-01	2.353E-01	2.182E-01	2.045E-01	1.930E-01	1.833E-01
1.00	0.	0.	4.408E-01	3.655E-01	3.191E-01	2.868E-01	2.626E-01	2.437E-01	2.284E-01	2.156E-01	2.048E-01
1.25	0.	0.	4.762E-01	3.955E-01	3.455E-01	3.107E-01	2.846E-01	2.642E-01	2.476E-01	2.338E-01	2.221E-01
1.50	0.	0.	5.053E-01	4.203E-01	3.674E-01	3.306E-01	3.029E-01	2.813E-01	2.636E-01	2.490E-01	2.365E-01
1.75	0.	0.	0.	4.413E-01	3.861E-01	3.474E-01	3.185E-01	2.958E-01	2.773E-01	2.619E-01	2.488E-01
2.00	0.	0.	0.	4.594E-01	4.022E-01	3.621E-01	3.320E-01	3.083E-01	2.891E-01	2.731E-01	2.594E-01
2.25	0.	0.	0.	0.	4.163E-01	3.749E-01	3.438E-01	3.194E-01	2.995E-01	2.829E-01	2.688E-01
2.50	0.	0.	0.	0.	4.287E-01	3.862E-01	3.543E-01	3.291E-01	3.087E-01	2.916E-01	2.771E-01
2.75	0.	0.	0.	0.	0.	3.964E-01	3.637E-01	3.379E-01	3.170E-01	2.995E-01	2.846E-01
3.00	0.	0.	0.	0.	0.	4.056E-01	3.722E-01	3.459E-01	3.244E-01	3.066E-01	2.913E-01
3.25	0.	0.	0.	0.	0.	0.	3.799E-01	3.531E-01	3.312E-01	3.130E-01	2.975E-01
3.50	0.	0.	0.	0.	0.	0.	3.870E-01	3.597E-01	3.374E-01	3.189E-01	3.031E-01
3.75	0.	0.	0.	0.	0.	0.	0.	3.657E-01	3.432E-01	3.243E-01	3.083E-01
4.00	0.	0.	0.	0.	0.	0.	0.	3.713E-01	3.484E-01	3.293E-01	3.130E-01
4.25	0.	0.	0.	0.	0.	0.	0.	0.	3.533E-01	3.340E-01	3.175E-01
4.50	0.	0.	0.	0.	0.	0.	0.	0.	3.579E-01	3.383E-01	3.216E-01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.424E-01	3.255E-01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.461E-01	3.291E-01

NU VERSUS ETA

DELTA = 1.00 ALPHA = 0.20 PSI = 0.60

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	3.493E-01	2.516E-01	2.067E-01	1.796E-01	1.609E-01	1.471E-01	1.363E-01	1.276E-01	1.204E-01	1.142E-01
0.50	0.	4.651E-01	3.386E-01	2.793E-01	2.431E-01	2.181E-01	1.995E-01	1.850E-01	1.733E-01	1.635E-01	1.552E-01
0.75	0.	5.416E-01	3.973E-01	3.286E-01	2.864E-01	2.572E-01	2.354E-01	2.184E-01	2.046E-01	1.931E-01	1.834E-01
1.00	0.	0.	4.415E-01	3.659E-01	3.193E-01	2.870E-01	2.628E-01	2.438E-01	2.285E-01	2.157E-01	2.048E-01
1.25	0.	0.	4.767E-01	3.958E-01	3.457E-01	3.109E-01	2.848E-01	2.643E-01	2.477E-01	2.339E-01	2.222E-01
1.50	0.	0.	5.058E-01	4.206E-01	3.676E-01	3.307E-01	3.030E-01	2.813E-01	2.637E-01	2.490E-01	2.366E-01
1.75	0.	0.	0.	4.415E-01	3.862E-01	3.476E-01	3.186E-01	2.958E-01	2.773E-01	2.619E-01	2.488E-01
2.00	0.	0.	0.	4.596E-01	4.023E-01	3.621E-01	3.320E-01	3.084E-01	2.891E-01	2.731E-01	2.595E-01
2.25	0.	0.	0.	0.	4.164E-01	3.749E-01	3.439E-01	3.194E-01	2.995E-01	2.829E-01	2.688E-01
2.50	0.	0.	0.	0.	4.288E-01	3.863E-01	3.543E-01	3.292E-01	3.087E-01	2.917E-01	2.772E-01
2.75	0.	0.	0.	0.	0.	3.965E-01	3.637E-01	3.380E-01	3.170E-01	2.995E-01	2.846E-01
3.00	0.	0.	0.	0.	0.	4.056E-01	3.722E-01	3.459E-01	3.245E-01	3.066E-01	2.914E-01
3.25	0.	0.	0.	0.	0.	0.	3.799E-01	3.531E-01	3.312E-01	3.130E-01	2.975E-01
3.50	0.	0.	0.	0.	0.	0.	3.870E-01	3.597E-01	3.375E-01	3.189E-01	3.031E-01
3.75	0.	0.	0.	0.	0.	0.	0.	3.658E-01	3.432E-01	3.243E-01	3.083E-01
4.00	0.	0.	0.	0.	0.	0.	0.	3.714E-01	3.485E-01	3.293E-01	3.131E-01
4.25	0.	0.	0.	0.	0.	0.	0.	0.	3.534E-01	3.340E-01	3.175E-01
4.50	0.	0.	0.	0.	0.	0.	0.	0.	3.579E-01	3.383E-01	3.216E-01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.424E-01	3.255E-01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.462E-01	3.291E-01

NU VERSUS ETA

DELTA = 0. ALPHA = 0.40 PSI = 0.60

	OMEGA									
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	4.327E-01	3.255E-01	2.718E-01	2.381E-01	2.145E-01	1.967E-01	1.828E-01	1.714E-01	1.619E-01	1.539E-01
0.50	0.	5.664E-01	4.282E-01	3.582E-01	3.142E-01	2.832E-01	2.599E-01	2.415E-01	2.266E-01	2.141E-01	2.035E-01
0.75	0.	0.	4.929E-01	4.130E-01	3.626E-01	3.270E-01	3.002E-01	2.790E-01	2.618E-01	2.474E-01	2.352E-01
1.00	0.	0.	0.	4.524E-01	3.974E-01	3.586E-01	3.293E-01	3.062E-01	2.873E-01	2.716E-01	2.582E-01
1.25	0.	0.	0.	0.	4.241E-01	3.828E-01	3.517E-01	3.270E-01	3.070E-01	2.902E-01	2.759E-01
1.50	0.	0.	0.	0.	0.	4.023E-01	3.696E-01	3.438E-01	3.227E-01	3.051E-01	2.901E-01
1.75	0.	0.	0.	0.	0.	0.	3.845E-01	3.577E-01	3.358E-01	3.175E-01	3.019E-01
2.00	0.	0.	0.	0.	0.	0.	0.	3.694E-01	3.469E-01	3.280E-01	3.119E-01
2.25	0.	0.	0.	0.	0.	0.	0.	0.	3.564E-01	3.370E-01	3.205E-01
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.449E-01	3.280E-01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.346E-01

NU VERSUS ETA

DELTA = 0.25 ALPHA = 0.40 PSI = 0.60

	OMEGA									
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	4.393E-01	3.283E-01	2.734E-01	2.392E-01	2.153E-01	1.973E-01	1.833E-01	1.718E-01	1.623E-01	1.542E-01
0.50	0.	5.717E-01	4.305E-01	3.596E-01	3.151E-01	2.839E-01	2.604E-01	2.419E-01	2.269E-01	2.144E-01	2.037E-01
0.75	0.	0.	4.946E-01	4.141E-01	3.633E-01	3.275E-01	3.006E-01	2.794E-01	2.621E-01	2.477E-01	2.354E-01
1.00	0.	0.	0.	4.532E-01	3.979E-01	3.590E-01	3.296E-01	3.064E-01	2.875E-01	2.717E-01	2.583E-01
1.25	0.	0.	0.	0.	4.245E-01	3.832E-01	3.519E-01	3.272E-01	3.071E-01	2.903E-01	2.760E-01
1.50	0.	0.	0.	0.	0.	4.026E-01	3.698E-01	3.440E-01	3.229E-01	3.052E-01	2.902E-01
1.75	0.	0.	0.	0.	0.	0.	3.847E-01	3.578E-01	3.359E-01	3.176E-01	3.020E-01
2.00	0.	0.	0.	0.	0.	0.	0.	3.695E-01	3.470E-01	3.281E-01	3.120E-01
2.25	0.	0.	0.	0.	0.	0.	0.	0.	3.565E-01	3.371E-01	3.205E-01
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.449E-01	3.281E-01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.347E-01

NU VERSUS ETA

DELTA = 0.50 ALPHA = 0.40 PSI = 0.60

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	4.462E-01	3.311E-01	2.750E-01	2.403E-01	2.161E-01	1.980E-01	1.838E-01	1.722E-01	1.626E-01	1.545E-01
0.50	0.	5.772E-01	4.328E-01	3.609E-01	3.160E-01	2.845E-01	2.609E-01	2.423E-01	2.272E-01	2.147E-01	2.039E-01
0.75	0.	0.	4.964E-01	4.151E-01	3.640E-01	3.280E-01	3.010E-01	2.797E-01	2.624E-01	2.479E-01	2.356E-01
1.00	0.	0.	0.	4.540E-01	3.985E-01	3.594E-01	3.299E-01	3.067E-01	2.877E-01	2.719E-01	2.585E-01
1.25	0.	0.	0.	0.	4.250E-01	3.835E-01	3.521E-01	3.274E-01	3.073E-01	2.904E-01	2.761E-01
1.50	0.	0.	0.	0.	0.	4.028E-01	3.700E-01	3.441E-01	3.230E-01	3.053E-01	2.903E-01
1.75	0.	0.	0.	0.	0.	0.	3.848E-01	3.579E-01	3.360E-01	3.177E-01	3.021E-01
2.00	0.	0.	0.	0.	0.	0.	0.	3.696E-01	3.470E-01	3.281E-01	3.120E-01
2.25	0.	0.	0.	0.	0.	0.	0.	0.	3.565E-01	3.371E-01	3.206E-01
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.450E-01	3.281E-01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.347E-01

NU VERSUS ETA

DELTA = 0.75 ALPHA = 0.40 PSI = 0.60

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	4.534E-01	3.340E-01	2.767E-01	2.414E-01	2.169E-01	1.986E-01	1.842E-01	1.726E-01	1.630E-01	1.548E-01
0.50	0.	5.828E-01	4.351E-01	3.623E-01	3.169E-01	2.852E-01	2.614E-01	2.427E-01	2.276E-01	2.149E-01	2.042E-01
0.75	0.	0.	4.982E-01	4.162E-01	3.647E-01	3.285E-01	3.014E-01	2.800E-01	2.626E-01	2.481E-01	2.358E-01
1.00	0.	0.	0.	4.548E-01	3.990E-01	3.598E-01	3.302E-01	3.069E-01	2.879E-01	2.721E-01	2.586E-01
1.25	0.	0.	0.	0.	4.254E-01	3.838E-01	3.524E-01	3.276E-01	3.074E-01	2.906E-01	2.762E-01
1.50	0.	0.	0.	0.	0.	4.031E-01	3.702E-01	3.443E-01	3.231E-01	3.055E-01	2.904E-01
1.75	0.	0.	0.	0.	0.	0.	3.850E-01	3.581E-01	3.361E-01	3.178E-01	3.021E-01
2.00	0.	0.	0.	0.	0.	0.	0.	3.697E-01	3.471E-01	3.282E-01	3.121E-01
2.25	0.	0.	0.	0.	0.	0.	0.	0.	3.566E-01	3.372E-01	3.206E-01
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.450E-01	3.281E-01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.348E-01

NU VERSUS ETA

DELTA = 1.00 ALPHA = 0.40 PSI = 0.60

ETA	OMEGA 0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	4.610E-01	3.370E-01	2.784E-01	2.425E-01	2.177E-01	1.992E-01	1.847E-01	1.730E-01	1.633E-01	1.551E-01
0.50	0.	0.	4.375E-01	3.637E-01	3.178E-01	2.859E-01	2.619E-01	2.432E-01	2.279E-01	2.152E-01	2.044E-01
0.75	0.	0.	5.000E-01	4.172E-01	3.654E-01	3.291E-01	3.018E-01	2.803E-01	2.629E-01	2.483E-01	2.360E-01
1.00	0.	0.	0.	4.556E-01	3.996E-01	3.602E-01	3.305E-01	3.071E-01	2.881E-01	2.723E-01	2.588E-01
1.25	0.	0.	0.	0.	4.258E-01	3.841E-01	3.526E-01	3.278E-01	3.076E-01	2.907E-01	2.763E-01
1.50	0.	0.	0.	0.	0.	4.033E-01	3.704E-01	3.444E-01	3.233E-01	3.056E-01	2.905E-01
1.75	0.	0.	0.	0.	0.	0.	3.851E-01	3.582E-01	3.362E-01	3.179E-01	3.022E-01
2.00	0.	0.	0.	0.	0.	0.	0.	3.698E-01	3.472E-01	3.283E-01	3.121E-01
2.25	0.	0.	0.	0.	0.	0.	0.	0.	3.567E-01	3.373E-01	3.207E-01
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.451E-01	3.282E-01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.348E-01

NU VERSUS ETA

DELTA = 0. ALPHA = 0.60 PSI = 0.60

ETA	OMEGA 0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	4.880E-01	3.746E-01	3.154E-01	2.776E-01	2.508E-01	2.304E-01	2.144E-01	2.013E-01	1.903E-01	1.810E-01
0.50	0.	0.	4.825E-01	4.069E-01	3.584E-01	3.239E-01	2.978E-01	2.771E-01	2.602E-01	2.461E-01	2.340E-01
0.75	0.	0.	0.	4.621E-01	4.073E-01	3.683E-01	3.387E-01	3.153E-01	2.961E-01	2.800E-01	2.664E-01
1.00	0.	0.	0.	0.	0.	3.993E-01	3.673E-01	3.419E-01	3.212E-01	3.038E-01	2.890E-01
1.25	0.	0.	0.	0.	0.	0.	3.887E-01	3.619E-01	3.400E-01	3.217E-01	3.060E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	3.549E-01	3.358E-01	3.194E-01
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.304E-01

NU VERSUS ETA

DELTA = 0.25 ALPHA = 0.60 PSI = 0.60

	OMEGA									
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	4.978E-01	3.790E-01	3.180E-01	2.793E-01	2.520E-01	2.314E-01	2.152E-01	2.019E-01	1.909E-01	1.814E-01
0.50	0.	0.	4.859E-01	4.089E-01	3.598E-01	3.249E-01	2.986E-01	2.778E-01	2.608E-01	2.465E-01	2.344E-01
0.75	0.	0.	0.	4.636E-01	4.083E-01	3.691E-01	3.393E-01	3.157E-01	2.965E-01	2.804E-01	2.666E-01
1.00	0.	0.	0.	0.	0.	3.998E-01	3.677E-01	3.423E-01	3.215E-01	3.040E-01	2.892E-01
1.25	0.	0.	0.	0.	0.	0.	3.891E-01	3.622E-01	3.403E-01	3.219E-01	3.061E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	3.551E-01	3.359E-01	3.196E-01
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.305E-01

NU VERSUS ETA

DELTA = 0.50 ALPHA = 0.60 PSI = 0.60

	OMEGA									
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	5.081E-01	3.835E-01	3.207E-01	2.811E-01	2.534E-01	2.325E-01	2.160E-01	2.026E-01	1.914E-01	1.819E-01
0.50	0.	0.	4.893E-01	4.109E-01	3.612E-01	3.260E-01	2.994E-01	2.784E-01	2.613E-01	2.470E-01	2.348E-01
0.75	0.	0.	0.	0.	4.094E-01	3.698E-01	3.399E-01	3.162E-01	2.969E-01	2.807E-01	2.669E-01
1.00	0.	0.	0.	0.	0.	4.004E-01	3.681E-01	3.426E-01	3.218E-01	3.043E-01	2.894E-01
1.25	0.	0.	0.	0.	0.	0.	3.894E-01	3.625E-01	3.405E-01	3.220E-01	3.063E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	3.553E-01	3.361E-01	3.197E-01
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.306E-01

NU VERSUS ETA

DELTA = 0.75 ALPHA = 0.60 PSI = 0.60

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	5.192E-01	3.882E-01	3.234E-01	2.830E-01	2.547E-01	2.335E-01	2.168E-01	2.033E-01	1.920E-01	1.824E-01
0.50	0.	0.	4.929E-01	4.130E-01	3.626E-01	3.270E-01	3.002E-01	2.790E-01	2.618E-01	2.474E-01	2.352E-01
0.75	0.	0.	0.	0.	4.104E-01	3.706E-01	3.405E-01	3.167E-01	2.973E-01	2.811E-01	2.672E-01
1.00	0.	0.	0.	0.	0.	4.010E-01	3.686E-01	3.430E-01	3.221E-01	3.045E-01	2.896E-01
1.25	0.	0.	0.	0.	0.	0.	0.	3.628E-01	3.407E-01	3.222E-01	3.065E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	3.554E-01	3.362E-01	3.198E-01
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.307E-01

NU VERSUS ETA

DELTA = 1.00 ALPHA = 0.60 PSI = 0.60

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	5.309E-01	3.930E-01	3.262E-01	2.848E-01	2.561E-01	2.345E-01	2.177E-01	2.040E-01	1.926E-01	1.829E-01
0.50	0.	0.	4.965E-01	4.152E-01	3.640E-01	3.280E-01	3.010E-01	2.797E-01	2.624E-01	2.479E-01	2.356E-01
0.75	0.	0.	0.	0.	4.115E-01	3.714E-01	3.411E-01	3.172E-01	2.977E-01	2.814E-01	2.675E-01
1.00	0.	0.	0.	0.	0.	4.015E-01	3.690E-01	3.433E-01	3.223E-01	3.048E-01	2.898E-01
1.25	0.	0.	0.	0.	0.	0.	0.	3.630E-01	3.409E-01	3.224E-01	3.066E-01
1.50	0.	0.	0.	0.	0.	0.	0.	0.	3.556E-01	3.364E-01	3.199E-01
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.308E-01

NU VERSUS ETA

DELTA = 0. ALPHA = 0.80 PSI = 0.60

ETA	OMEGA 0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	5.244E-01	4.091E-01	3.469E-01	3.064E-01	2.775E-01	2.554E-01	2.379E-01	2.236E-01	2.116E-01	2.013E-01
0.50	0.	0.	0.	4.401E-01	3.890E-01	3.524E-01	3.245E-01	3.023E-01	2.841E-01	2.689E-01	2.558E-01
0.75	0.	0.	0.	0.	0.	3.963E-01	3.649E-01	3.400E-01	3.196E-01	3.025E-01	2.878E-01
1.00	0.	0.	0.	0.	0.	0.	0.	3.658E-01	3.439E-01	3.254E-01	3.097E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.425E-01	3.259E-01

NU VERSUS ETA

DELTA = 0.25 ALPHA = 0.80 PSI = 0.60

ETA	OMEGA 0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	5.368E-01	4.149E-01	3.504E-01	3.088E-01	2.793E-01	2.568E-01	2.391E-01	2.245E-01	2.124E-01	2.020E-01
0.50	0.	0.	0.	4.428E-01	3.908E-01	3.537E-01	3.255E-01	3.031E-01	2.848E-01	2.694E-01	2.563E-01
0.75	0.	0.	0.	0.	0.	3.972E-01	3.657E-01	3.406E-01	3.201E-01	3.029E-01	2.882E-01
1.00	0.	0.	0.	0.	0.	0.	0.	3.663E-01	3.442E-01	3.258E-01	3.100E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.427E-01	3.261E-01

NU VERSUS ETA

DELTA = 0.50 ALPHA = 0.80 PSI = 0.60

ETA	OMEGA 0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	5.501E-01	4.210E-01	3.540E-01	3.113E-01	2.811E-01	2.583E-01	2.402E-01	2.255E-01	2.132E-01	2.027E-01
0.50	0.	0.	0.	4.454E-01	3.927E-01	3.551E-01	3.266E-01	3.040E-01	2.855E-01	2.700E-01	2.569E-01
0.75	0.	0.	0.	0.	0.	3.982E-01	3.664E-01	3.412E-01	3.206E-01	3.033E-01	2.886E-01
1.00	0.	0.	0.	0.	0.	0.	0.	3.667E-01	3.446E-01	3.261E-01	3.102E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.430E-01	3.263E-01

NU VERSUS ETA

DELTA = 0.75 ALPHA = 0.80 PSI = 0.60

	OMEGA									
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	5.645E-01	4.274E-01	3.578E-01	3.139E-01	2.830E-01	2.597E-01	2.414E-01	2.264E-01	2.140E-01	2.034E-01
0.50	0.	0.	0.	4.482E-01	3.945E-01	3.565E-01	3.276E-01	3.048E-01	2.862E-01	2.707E-01	2.574E-01
0.75	0.	0.	0.	0.	0.	3.992E-01	3.672E-01	3.419E-01	3.211E-01	3.038E-01	2.889E-01
1.00	0.	0.	0.	0.	0.	0.	0.	3.672E-01	3.450E-01	3.264E-01	3.105E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.432E-01	3.265E-01

NU VERSUS ETA

DELTA = 1.00 ALPHA = 0.80 PSI = 0.60

	OMEGA									
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	5.801E-01	4.340E-01	3.616E-01	3.165E-01	2.849E-01	2.612E-01	2.425E-01	2.274E-01	2.148E-01	2.041E-01
0.50	0.	0.	0.	4.509E-01	3.964E-01	3.579E-01	3.287E-01	3.057E-01	2.870E-01	2.713E-01	2.579E-01
0.75	0.	0.	0.	0.	0.	4.002E-01	3.680E-01	3.425E-01	3.216E-01	3.042E-01	2.893E-01
1.00	0.	0.	0.	0.	0.	0.	0.	3.676E-01	3.454E-01	3.267E-01	3.108E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.434E-01	3.268E-01

NU VERSUS ETA

DELTA = 0. ALPHA = 1.00 PSI = 0.60

	OMEGA									
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	5.501E-01	4.349E-01	3.709E-01	3.287E-01	2.983E-01	2.750E-01	2.565E-01	2.412E-01	2.284E-01	2.174E-01
0.50	0.	0.	0.	0.	4.118E-01	3.737E-01	3.446E-01	3.213E-01	3.022E-01	2.861E-01	2.724E-01
0.75	0.	0.	0.	0.	0.	0.	3.843E-01	3.583E-01	3.370E-01	3.191E-01	3.038E-01
1.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.413E-01	3.249E-01

NU VERSUS ETA

DELTA = 0.25 ALPHA = 1.00 PSI = 0.60

	OMEGA										
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.420E-01	3.753E-01	3.318E-01	3.006E-01	2.768E-01	2.579E-01	2.424E-01	2.294E-01	2.183E-01
0.50	0.	0.	0.	0.	4.140E-01	3.754E-01	3.458E-01	3.223E-01	3.031E-01	2.869E-01	2.730E-01
0.75	0.	0.	0.	0.	0.	0.	3.852E-01	3.591E-01	3.376E-01	3.196E-01	3.042E-01
1.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.417E-01	3.252E-01

NU VERSUS ETA

DELTA = 0.50 ALPHA = 1.00 PSI = 0.60

	OMEGA										
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.495E-01	3.798E-01	3.349E-01	3.029E-01	2.786E-01	2.594E-01	2.436E-01	2.305E-01	2.192E-01
0.50	0.	0.	0.	0.	4.163E-01	3.770E-01	3.471E-01	3.234E-01	3.039E-01	2.876E-01	2.737E-01
0.75	0.	0.	0.	0.	0.	0.	3.861E-01	3.598E-01	3.382E-01	3.201E-01	3.047E-01
1.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.421E-01	3.256E-01

NU VERSUS ETA

DELTA = 0.75 ALPHA = 1.00 PSI = 0.60

	OMEGA										
ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.574E-01	3.845E-01	3.381E-01	3.053E-01	2.805E-01	2.609E-01	2.449E-01	2.315E-01	2.201E-01
0.50	0.	0.	0.	0.	4.185E-01	3.787E-01	3.485E-01	3.245E-01	3.048E-01	2.884E-01	2.743E-01
0.75	0.	0.	0.	0.	0.	0.	3.870E-01	3.605E-01	3.389E-01	3.207E-01	3.051E-01
1.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.424E-01	3.259E-01

NU VERSUS ETA

DELTA = 1.00 ALPHA = 1.00 PSI = 0.60

OMEGA

ETA	0.0	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	4.657E-01	3.894E-01	3.415E-01	3.077E-01	2.824E-01	2.624E-01	2.461E-01	2.326E-01	2.210E-01
0.50	0.	0.	0.	0.	4.208E-01	3.804E-01	3.498E-01	3.255E-01	3.057E-01	2.891E-01	2.750E-01
0.75	0.	0.	0.	0.	0.	0.	3.879E-01	3.613E-01	3.395E-01	3.212E-01	3.056E-01
1.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	3.428E-01	3.262E-01
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

APPENDIX III

Time Versus Eta -

"Piston Travel Time/Piston Travel Distance" -

A Dimensionless Quantity

TIME VERSUS ETA

DELTA = 0. ALPHA = 0.20 PSI = 0.

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.422E 00	1.947E 00	2.358E 00	2.707E 00	3.017E 00	3.297E 00	3.555E 00	3.796E 00	4.022E 00	4.236E 00
0.50	1.900E 00	2.596E 00	3.141E 00	3.604E 00	4.015E 00	4.387E 00	4.730E 00	5.050E 00	5.351E 00	5.635E 00
0.75	0.	3.154E 00	3.813E 00	4.374E 00	4.871E 00	5.322E 00	5.738E 00	6.125E 00	6.489E 00	6.834E 00
1.00	0.	3.655E 00	4.416E 00	5.064E 00	5.639E 00	6.160E 00	6.640E 00	7.087E 00	7.508E 00	7.907E 00
1.25	0.	0.	4.971E 00	5.699E 00	6.343E 00	6.929E 00	7.468E 00	7.971E 00	8.444E 00	8.892E 00
1.50	0.	0.	5.489E 00	6.291E 00	7.002E 00	7.647E 00	8.241E 00	8.796E 00	9.317E 00	9.811E 00
1.75	0.	0.	0.	6.851E 00	7.623E 00	8.325E 00	8.971E 00	9.574E 00	1.014E 01	1.068E 01
2.00	0.	0.	0.	7.384E 00	8.216E 00	8.970E 00	9.667E 00	1.032E 01	1.093E 01	1.150E 01
2.25	0.	0.	0.	0.	8.784E 00	9.590E 00	1.033E 01	1.103E 01	1.168E 01	1.230E 01
2.50	0.	0.	0.	0.	9.331E 00	1.019E 01	1.098E 01	1.171E 01	1.240E 01	1.306E 01
2.75	0.	0.	0.	0.	0.	1.076E 01	1.160E 01	1.237E 01	1.310E 01	1.380E 01
3.00	0.	0.	0.	0.	0.	1.132E 01	1.220E 01	1.302E 01	1.378E 01	1.451E 01
3.25	0.	0.	0.	0.	0.	1.187E 01	1.279E 01	1.364E 01	1.445E 01	1.521E 01
3.50	0.	0.	0.	0.	0.	0.	1.336E 01	1.425E 01	1.509E 01	1.589E 01
3.75	0.	0.	0.	0.	0.	0.	1.392E 01	1.485E 01	1.573E 01	1.655E 01
4.00	0.	0.	0.	0.	0.	0.	0.	1.544E 01	1.635E 01	1.721E 01
4.25	0.	0.	0.	0.	0.	0.	0.	1.601E 01	1.695E 01	1.785E 01
4.50	0.	0.	0.	0.	0.	0.	0.	1.658E 01	1.755E 01	1.847E 01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	1.814E 01	1.909E 01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	1.872E 01	1.970E 01

TIME VERSUS ETA

DELTA = 0.25 ALPHA = 0.20 PSI = 0.

ETA	OMEGA 0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.404E 00	1.934E 00	2.347E 00	2.698E 00	3.008E 00	3.289E 00	3.548E 00	3.789E 00	4.016E 00	4.231E 00
0.50	1.880E 00	2.581E 00	3.129E 00	3.594E 00	4.005E 00	4.378E 00	4.722E 00	5.042E 00	5.343E 00	5.628E 00
0.75	0.	3.138E 00	3.800E 00	4.363E 00	4.861E 00	5.313E 00	5.729E 00	6.117E 00	6.482E 00	6.827E 00
1.00	0.	3.638E 00	4.403E 00	5.053E 00	5.628E 00	6.150E 00	6.631E 00	7.079E 00	7.501E 00	7.900E 00
1.25	0.	0.	4.957E 00	5.686E 00	6.333E 00	6.919E 00	7.459E 00	7.962E 00	8.436E 00	8.884E 00
1.50	0.	0.	5.475E 00	6.279E 00	6.991E 00	7.636E 00	8.232E 00	8.787E 00	9.309E 00	9.803E 00
1.75	0.	0.	0.	6.838E 00	7.612E 00	8.314E 00	8.962E 00	9.565E 00	1.013E 01	1.067E 01
2.00	0.	0.	0.	7.371E 00	8.204E 00	8.960E 00	9.657E 00	1.031E 01	1.092E 01	1.150E 01
2.25	0.	0.	0.	0.	8.772E 00	9.579E 00	1.032E 01	1.102E 01	1.167E 01	1.229E 01
2.50	0.	0.	0.	0.	9.319E 00	1.018E 01	1.097E 01	1.170E 01	1.239E 01	1.305E 01
2.75	0.	0.	0.	0.	0.	1.075E 01	1.159E 01	1.236E 01	1.310E 01	1.379E 01
3.00	0.	0.	0.	0.	0.	1.131E 01	1.219E 01	1.301E 01	1.378E 01	1.450E 01
3.25	0.	0.	0.	0.	0.	1.186E 01	1.278E 01	1.363E 01	1.444E 01	1.520E 01
3.50	0.	0.	0.	0.	0.	0.	1.335E 01	1.424E 01	1.508E 01	1.588E 01
3.75	0.	0.	0.	0.	0.	0.	1.391E 01	1.484E 01	1.572E 01	1.655E 01
4.00	0.	0.	0.	0.	0.	0.	0.	1.543E 01	1.634E 01	1.720E 01
4.25	0.	0.	0.	0.	0.	0.	0.	1.600E 01	1.694E 01	1.784E 01
4.50	0.	0.	0.	0.	0.	0.	0.	1.657E 01	1.754E 01	1.847E 01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	1.813E 01	1.908E 01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	1.871E 01	1.969E 01

TIME VERSUS ETA

DELTA = 0.50 ALPHA = 0.20 PSI = 0.

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.386E 00	1.921E 00	2.337E 00	2.689E 00	3.000E 00	3.282E 00	3.541E 00	3.783E 00	4.010E 00	4.225E 00
0.50	1.860E 00	2.566E 00	3.117E 00	3.583E 00	3.996E 00	4.370E 00	4.714E 00	5.035E 00	5.336E 00	5.622E 00
0.75	0.	3.122E 00	3.787E 00	4.352E 00	4.851E 00	5.304E 00	5.720E 00	6.109E 00	6.474E 00	6.820E 00
1.00	0.	3.622E 00	4.389E 00	5.041E 00	5.618E 00	6.140E 00	6.622E 00	7.071E 00	7.493E 00	7.892E 00
1.25	0.	0.	4.943E 00	5.674E 00	6.322E 00	6.909E 00	7.450E 00	7.954E 00	8.428E 00	8.877E 00
1.50	0.	0.	5.461E 00	6.266E 00	6.979E 00	7.626E 00	8.222E 00	8.778E 00	9.301E 00	9.795E 00
1.75	0.	0.	0.	6.826E 00	7.601E 00	8.304E 00	8.952E 00	9.556E 00	1.012E 01	1.066E 01
2.00	0.	0.	0.	7.359E 00	8.193E 00	8.950E 00	9.647E 00	1.030E 01	1.091E 01	1.149E 01
2.25	0.	0.	0.	0.	8.761E 00	9.569E 00	1.031E 01	1.101E 01	1.166E 01	1.228E 01
2.50	0.	0.	0.	0.	9.308E 00	1.017E 01	1.096E 01	1.169E 01	1.239E 01	1.304E 01
2.75	0.	0.	0.	0.	0.	1.074E 01	1.158E 01	1.235E 01	1.309E 01	1.378E 01
3.00	0.	0.	0.	0.	0.	1.130E 01	1.218E 01	1.300E 01	1.377E 01	1.450E 01
3.25	0.	0.	0.	0.	0.	1.185E 01	1.277E 01	1.362E 01	1.443E 01	1.519E 01
3.50	0.	0.	0.	0.	0.	0.	1.334E 01	1.423E 01	1.508E 01	1.587E 01
3.75	0.	0.	0.	0.	0.	0.	1.390E 01	1.483E 01	1.571E 01	1.654E 01
4.00	0.	0.	0.	0.	0.	0.	0.	1.542E 01	1.633E 01	1.719E 01
4.25	0.	0.	0.	0.	0.	0.	0.	1.599E 01	1.694E 01	1.783E 01
4.50	0.	0.	0.	0.	0.	0.	0.	1.656E 01	1.753E 01	1.846E 01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	1.812E 01	1.907E 01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	1.870E 01	1.968E 01

TIME VERSUS ETA

DELTA = 0.75 ALPHA = 0.20 PSI = 0.

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.368E 00	1.908E 00	2.326E 00	2.679E 00	2.991E 00	3.274E 00	3.534E 00	3.776E 00	4.003E 00	4.219E 00
0.50	1.839E 00	2.551E 00	3.104E 00	3.573E 00	3.987E 00	4.361E 00	4.706E 00	5.027E 00	5.329E 00	5.615E 00
0.75	0.	3.106E 00	3.774E 00	4.341E 00	4.841E 00	5.294E 00	5.712E 00	6.101E 00	6.466E 00	6.812E 00
1.00	0.	3.605E 00	4.376E 00	5.029E 00	5.607E 00	6.131E 00	6.613E 00	7.062E 00	7.485E 00	7.885E 00
1.25	0.	0.	4.929E 00	5.662E 00	6.311E 00	6.899E 00	7.440E 00	7.945E 00	8.420E 00	8.869E 00
1.50	0.	0.	5.446E 00	6.254E 00	6.968E 00	7.616E 00	8.213E 00	8.769E 00	9.292E 00	9.787E 00
1.75	0.	0.	0.	6.813E 00	7.590E 00	8.294E 00	8.943E 00	9.547E 00	1.012E 01	1.065E 01
2.00	0.	0.	0.	7.346E 00	8.181E 00	8.939E 00	9.637E 00	1.029E 01	1.090E 01	1.148E 01
2.25	0.	0.	0.	0.	8.749E 00	9.558E 00	1.030E 01	1.100E 01	1.165E 01	1.227E 01
2.50	0.	0.	0.	0.	9.296E 00	1.015E 01	1.095E 01	1.168E 01	1.238E 01	1.303E 01
2.75	0.	0.	0.	0.	0.	1.073E 01	1.157E 01	1.235E 01	1.308E 01	1.377E 01
3.00	0.	0.	0.	0.	0.	1.129E 01	1.217E 01	1.299E 01	1.376E 01	1.449E 01
3.25	0.	0.	0.	0.	0.	1.184E 01	1.276E 01	1.361E 01	1.442E 01	1.518E 01
3.50	0.	0.	0.	0.	0.	0.	1.333E 01	1.423E 01	1.507E 01	1.586E 01
3.75	0.	0.	0.	0.	0.	0.	1.389E 01	1.482E 01	1.570E 01	1.653E 01
4.00	0.	0.	0.	0.	0.	0.	0.	1.541E 01	1.632E 01	1.718E 01
4.25	0.	0.	0.	0.	0.	0.	0.	1.598E 01	1.693E 01	1.782E 01
4.50	0.	0.	0.	0.	0.	0.	0.	1.655E 01	1.752E 01	1.845E 01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	1.811E 01	1.907E 01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	1.869E 01	1.967E 01

TIME VERSUS ETA

DELTA = 1.00 ALPHA = 0.20 PSI = 0.

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.349E 00	1.895E 00	2.315E 00	2.670E 00	2.983E 00	3.266E 00	3.527E 00	3.769E 00	3.997E 00	4.213E 00
0.50	1.818E 00	2.537E 00	3.092E 00	3.562E 00	3.977E 00	4.352E 00	4.698E 00	5.020E 00	5.322E 00	5.608E 00
0.75	0.	3.090E 00	3.761E 00	4.329E 00	4.831E 00	5.285E 00	5.703E 00	6.093E 00	6.459E 00	6.805E 00
1.00	0.	3.589E 00	4.362E 00	5.017E 00	5.596E 00	6.121E 00	6.604E 00	7.054E 00	7.477E 00	7.877E 00
1.25	0.	0.	4.915E 00	5.650E 00	6.300E 00	6.889E 00	7.431E 00	7.936E 00	8.411E 00	8.861E 00
1.50	0.	0.	5.432E 00	6.241E 00	6.957E 00	7.606E 00	8.203E 00	8.760E 00	9.284E 00	9.779E 00
1.75	0.	0.	0.	6.800E 00	7.578E 00	8.283E 00	8.933E 00	9.538E 00	1.011E 01	1.065E 01
2.00	0.	0.	0.	7.333E 00	8.170E 00	8.929E 00	9.628E 00	1.028E 01	1.089E 01	1.147E 01
2.25	0.	0.	0.	0.	8.738E 00	9.547E 00	1.029E 01	1.099E 01	1.164E 01	1.226E 01
2.50	0.	0.	0.	0.	9.285E 00	1.014E 01	1.094E 01	1.167E 01	1.237E 01	1.303E 01
2.75	0.	0.	0.	0.	0.	1.072E 01	1.156E 01	1.234E 01	1.307E 01	1.376E 01
3.00	0.	0.	0.	0.	0.	1.128E 01	1.216E 01	1.298E 01	1.375E 01	1.448E 01
3.25	0.	0.	0.	0.	0.	1.183E 01	1.275E 01	1.360E 01	1.441E 01	1.518E 01
3.50	0.	0.	0.	0.	0.	0.	1.332E 01	1.422E 01	1.506E 01	1.586E 01
3.75	0.	0.	0.	0.	0.	0.	1.388E 01	1.481E 01	1.569E 01	1.652E 01
4.00	0.	0.	0.	0.	0.	0.	0.	1.540E 01	1.631E 01	1.717E 01
4.25	0.	0.	0.	0.	0.	0.	0.	1.597E 01	1.692E 01	1.781E 01
4.50	0.	0.	0.	0.	0.	0.	0.	1.654E 01	1.751E 01	1.844E 01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	1.810E 01	1.906E 01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	1.868E 01	1.967E 01

TIME VERSUS ETA

DELTA = 0. ALPHA = 0.40 PSI = 0.

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.070E 00	1.428E 00	1.713E 00	1.957E 00	2.174E 00	2.370E 00	2.552E 00	2.722E 00	2.882E 00	3.033E 00
0.50	0.	1.921E 00	2.301E 00	2.627E 00	2.917E 00	3.181E 00	3.424E 00	3.651E 00	3.865E 00	4.067E 00
0.75	0.	0.	2.813E 00	3.210E 00	3.563E 00	3.884E 00	4.181E 00	4.457E 00	4.718E 00	4.965E 00
1.00	0.	0.	0.	3.738E 00	4.148E 00	4.521E 00	4.866E 00	5.187E 00	5.490E 00	5.777E 00
1.25	0.	0.	0.	0.	4.691E 00	5.112E 00	5.501E 00	5.864E 00	6.206E 00	6.530E 00
1.50	0.	0.	0.	0.	0.	5.669E 00	6.100E 00	6.502E 00	6.881E 00	7.240E 00
1.75	0.	0.	0.	0.	0.	0.	6.670E 00	7.109E 00	7.523E 00	7.915E 00
2.00	0.	0.	0.	0.	0.	0.	0.	7.691E 00	8.139E 00	8.562E 00
2.25	0.	0.	0.	0.	0.	0.	0.	8.253E 00	8.733E 00	9.188E 00
2.50	0.	0.	0.	0.	0.	0.	0.	0.	9.309E 00	9.794E 00
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.038E 01

TIME VERSUS ETA

DELTA = 0.25 ALPHA = 0.40 PSI = 0.

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.046E 00	1.411E 00	1.698E 00	1.944E 00	2.162E 00	2.360E 00	2.542E 00	2.713E 00	2.873E 00	3.025E 00
0.50	0.	1.901E 00	2.285E 00	2.613E 00	2.904E 00	3.169E 00	3.413E 00	3.641E 00	3.855E 00	4.058E 00
0.75	0.	0.	2.795E 00	3.195E 00	3.549E 00	3.871E 00	4.169E 00	4.446E 00	4.708E 00	4.955E 00
1.00	0.	0.	0.	3.722E 00	4.134E 00	4.508E 00	4.853E 00	5.176E 00	5.479E 00	5.767E 00
1.25	0.	0.	0.	0.	4.676E 00	5.099E 00	5.489E 00	5.853E 00	6.195E 00	6.520E 00
1.50	0.	0.	0.	0.	0.	5.655E 00	6.087E 00	6.490E 00	6.869E 00	7.229E 00
1.75	0.	0.	0.	0.	0.	0.	6.657E 00	7.097E 00	7.511E 00	7.904E 00
2.00	0.	0.	0.	0.	0.	0.	0.	7.679E 00	8.127E 00	8.551E 00
2.25	0.	0.	0.	0.	0.	0.	0.	8.241E 00	8.721E 00	9.176E 00
2.50	0.	0.	0.	0.	0.	0.	0.	0.	9.298E 00	9.782E 00
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.037E 01

TIME VERSUS ETA

DELTA = 0.50 ALPHA = 0.40 PSI = 0.

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.022E 00	1.393E 00	1.684E 00	1.931E 00	2.150E 00	2.349E 00	2.533E 00	2.703E 00	2.864E 00	3.016E 00
0.50	0.	1.881E 00	2.268E 00	2.598E 00	2.891E 00	3.157E 00	3.402E 00	3.630E 00	3.845E 00	4.049E 00
0.75	0.	0.	2.778E 00	3.179E 00	3.535E 00	3.859E 00	4.157E 00	4.435E 00	4.697E 00	4.945E 00
1.00	0.	0.	0.	3.706E 00	4.119E 00	4.495E 00	4.841E 00	5.164E 00	5.469E 00	5.757E 00
1.25	0.	0.	0.	0.	4.662E 00	5.085E 00	5.476E 00	5.841E 00	6.184E 00	6.509E 00
1.50	0.	0.	0.	0.	0.	5.641E 00	6.074E 00	6.478E 00	6.858E 00	7.218E 00
1.75	0.	0.	0.	0.	0.	0.	6.644E 00	7.085E 00	7.500E 00	7.893E 00
2.00	0.	0.	0.	0.	0.	0.	0.	7.667E 00	8.115E 00	8.540E 00
2.25	0.	0.	0.	0.	0.	0.	0.	8.229E 00	8.710E 00	9.165E 00
2.50	0.	0.	0.	0.	0.	0.	0.	0.	9.286E 00	9.771E 00
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.036E 01

TIME VERSUS ETA

DELTA = 0.75 ALPHA = 0.40 PSI = 0.

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	9.973E-01	1.375E 00	1.669E 00	1.918E 00	2.139E 00	2.339E 00	2.523E 00	2.694E 00	2.855E 00	3.008E 00
0.50	0.	1.861E 00	2.251E 00	2.584E 00	2.878E 00	3.145E 00	3.391E 00	3.620E 00	3.835E 00	4.039E 00
0.75	0.	0.	2.760E 00	3.164E 00	3.521E 00	3.846E 00	4.145E 00	4.424E 00	4.687E 00	4.935E 00
1.00	0.	0.	0.	3.690E 00	4.105E 00	4.481E 00	4.829E 00	5.153E 00	5.458E 00	5.746E 00
1.25	0.	0.	0.	0.	4.647E 00	5.071E 00	5.463E 00	5.829E 00	6.173E 00	6.499E 00
1.50	0.	0.	0.	0.	0.	5.627E 00	6.061E 00	6.466E 00	6.847E 00	7.207E 00
1.75	0.	0.	0.	0.	0.	0.	6.631E 00	7.072E 00	7.488E 00	7.882E 00
2.00	0.	0.	0.	0.	0.	0.	0.	7.654E 00	8.104E 00	8.529E 00
2.25	0.	0.	0.	0.	0.	0.	0.	8.216E 00	8.698E 00	9.154E 00
2.50	0.	0.	0.	0.	0.	0.	0.	0.	9.274E 00	9.760E 00
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.035E 01

TIME VERSUS ETA

DELTA = 1.00 ALPHA = 0.40 PSI = 0.

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	9.718E-01	1.356E 00	1.654E 00	1.905E 00	2.127E 00	2.328E 00	2.513E 00	2.685E 00	2.847E 00	3.000E 00
0.50	0.	1.840E 00	2.235E 00	2.569E 00	2.865E 00	3.133E 00	3.379E 00	3.609E 00	3.825E 00	4.030E 00
0.75	0.	0.	2.742E 00	3.148E 00	3.507E 00	3.833E 00	4.133E 00	4.413E 00	4.676E 00	4.925E 00
1.00	0.	0.	0.	3.674E 00	4.090E 00	4.468E 00	4.816E 00	5.141E 00	5.447E 00	5.736E 00
1.25	0.	0.	0.	0.	4.632E 00	5.058E 00	5.451E 00	5.817E 00	6.162E 00	6.488E 00
1.50	0.	0.	0.	0.	0.	5.614E 00	6.048E 00	6.454E 00	6.835E 00	7.196E 00
1.75	0.	0.	0.	0.	0.	0.	6.617E 00	7.060E 00	7.477E 00	7.871E 00
2.00	0.	0.	0.	0.	0.	0.	0.	7.642E 00	8.092E 00	8.518E 00
2.25	0.	0.	0.	0.	0.	0.	0.	8.204E 00	8.686E 00	9.143E 00
2.50	0.	0.	0.	0.	0.	0.	0.	0.	9.262E 00	9.749E 00
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.034E 01

TIME VERSUS ETA

DELTA = 0. ALPHA = 0.60 PSI = 0.

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.206E 00	1.435E 00	1.631E 00	1.807E 00	1.967E 00	2.115E 00	2.253E 00	2.383E 00	2.506E 00
0.50	0.	0.	1.941E 00	2.206E 00	2.442E 00	2.658E 00	2.857E 00	3.043E 00	3.219E 00	3.385E 00
0.75	0.	0.	0.	0.	3.000E 00	3.264E 00	3.508E 00	3.736E 00	3.952E 00	4.156E 00
1.00	0.	0.	0.	0.	0.	3.817E 00	4.102E 00	4.369E 00	4.620E 00	4.859E 00
1.25	0.	0.	0.	0.	0.	0.	4.657E 00	4.960E 00	5.245E 00	5.515E 00
1.50	0.	0.	0.	0.	0.	0.	0.	5.520E 00	5.837E 00	6.137E 00
1.75	0.	0.	0.	0.	0.	0.	0.	0.	6.403E 00	6.733E 00

TIME VERSUS ETA

DELTA = 0.25 ALPHA = 0.60 PSI = 0.

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.185E 00	1.417E 00	1.616E 00	1.793E 00	1.954E 00	2.103E 00	2.242E 00	2.372E 00	2.496E 00
0.50	0.	0.	1.921E 00	2.189E 00	2.427E 00	2.644E 00	2.844E 00	3.031E 00	3.207E 00	3.374E 00
0.75	0.	0.	0.	0.	2.983E 00	3.249E 00	3.494E 00	3.723E 00	3.939E 00	4.144E 00
1.00	0.	0.	0.	0.	0.	3.801E 00	4.088E 00	4.355E 00	4.607E 00	4.846E 00
1.25	0.	0.	0.	0.	0.	0.	4.643E 00	4.946E 00	5.232E 00	5.503E 00
1.50	0.	0.	0.	0.	0.	0.	0.	5.506E 00	5.823E 00	6.125E 00
1.75	0.	0.	0.	0.	0.	0.	0.	0.	6.390E 00	6.720E 00

TIME VERSUS ETA

DELTA = 0.50 ALPHA = 0.60 PSI = 0.

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.164E 00	1.400E 00	1.601E 00	1.779E 00	1.941E 00	2.091E 00	2.230E 00	2.362E 00	2.486E 00
0.50	0.	0.	1.902E 00	2.171E 00	2.411E 00	2.629E 00	2.831E 00	3.018E 00	3.195E 00	3.363E 00
0.75	0.	0.	0.	0.	2.967E 00	3.234E 00	3.480E 00	3.710E 00	3.927E 00	4.132E 00
1.00	0.	0.	0.	0.	0.	3.786E 00	4.073E 00	4.342E 00	4.594E 00	4.834E 00
1.25	0.	0.	0.	0.	0.	0.	4.628E 00	4.932E 00	5.218E 00	5.490E 00
1.50	0.	0.	0.	0.	0.	0.	0.	5.491E 00	5.810E 00	6.112E 00
1.75	0.	0.	0.	0.	0.	0.	0.	0.	6.376E 00	6.707E 00

TIME VERSUS ETA

DELTA = 0.75 ALPHA = 0.60 PSI = 0.

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.143E 00	1.382E 00	1.585E 00	1.765E 00	1.928E 00	2.079E 00	2.219E 00	2.351E 00	2.476E 00
0.50	0.	0.	1.882E 00	2.154E 00	2.396E 00	2.615E 00	2.817E 00	3.006E 00	3.184E 00	3.352E 00
0.75	0.	0.	0.	0.	2.950E 00	3.218E 00	3.466E 00	3.697E 00	3.914E 00	4.120E 00
1.00	0.	0.	0.	0.	0.	3.770E 00	4.058E 00	4.328E 00	4.581E 00	4.822E 00
1.25	0.	0.	0.	0.	0.	0.	4.612E 00	4.918E 00	5.205E 00	5.477E 00
1.50	0.	0.	0.	0.	0.	0.	0.	5.477E 00	5.796E 00	6.099E 00
1.75	0.	0.	0.	0.	0.	0.	0.	0.	6.362E 00	6.694E 00

TIME VERSUS ETA

DELTA = 1.00 ALPHA = 0.60 PSI = 0.

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.120E 00	1.363E 00	1.569E 00	1.751E 00	1.915E 00	2.067E 00	2.208E 00	2.341E 00	2.466E 00
0.50	0.	0.	1.861E 00	2.136E 00	2.380E 00	2.600E 00	2.804E 00	2.993E 00	3.172E 00	3.340E 00
0.75	0.	0.	0.	0.	2.933E 00	3.203E 00	3.452E 00	3.683E 00	3.901E 00	4.108E 00
1.00	0.	0.	0.	0.	0.	3.754E 00	4.044E 00	4.314E 00	4.568E 00	4.809E 00
1.25	0.	0.	0.	0.	0.	0.	4.597E 00	4.904E 00	5.192E 00	5.465E 00
1.50	0.	0.	0.	0.	0.	0.	0.	5.463E 00	5.783E 00	6.086E 00
1.75	0.	0.	0.	0.	0.	0.	0.	0.	6.348E 00	6.681E 00

TIME VERSUS ETA

DELTA = 0. ALPHA = 0.80 PSI = 0.

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
					OMEGA					
0.25	0.	1.078E 00	1.273E 00	1.441E 00	1.592E 00	1.730E 00	1.857E 00	1.976E 00	2.089E 00	2.196E 00
0.50	0.	0.	0.	1.961E 00	2.165E 00	2.352E 00	2.525E 00	2.687E 00	2.840E 00	2.985E 00
0.75	0.	0.	0.	0.	0.	2.902E 00	3.116E 00	3.315E 00	3.504E 00	3.683E 00
1.00	0.	0.	0.	0.	0.	0.	3.658E 00	3.892E 00	4.113E 00	4.323E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	4.686E 00	4.925E 00
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.497E 00

TIME VERSUS ETA

DELTA = 0.25 ALPHA = 0.80 PSI = 0.

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
					OMEGA					
0.25	0.	1.055E 00	1.253E 00	1.424E 00	1.576E 00	1.715E 00	1.844E 00	1.964E 00	2.077E 00	2.184E 00
0.50	0.	0.	0.	1.941E 00	2.148E 00	2.336E 00	2.510E 00	2.673E 00	2.827E 00	2.973E 00
0.75	0.	0.	0.	0.	0.	2.885E 00	3.100E 00	3.301E 00	3.490E 00	3.669E 00
1.00	0.	0.	0.	0.	0.	0.	3.642E 00	3.877E 00	4.099E 00	4.309E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	4.671E 00	4.910E 00
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.483E 00

TIME VERSUS ETA

DELTA = 0.50 ALPHA = 0.80 PSI = 0.

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
					OMEGA					
0.25	0.	1.031E 00	1.233E 00	1.406E 00	1.560E 00	1.701E 00	1.830E 00	1.951E 00	2.065E 00	2.173E 00
0.50	0.	0.	0.	1.922E 00	2.130E 00	2.320E 00	2.495E 00	2.659E 00	2.814E 00	2.960E 00
0.75	0.	0.	0.	0.	0.	2.868E 00	3.084E 00	3.286E 00	3.476E 00	3.656E 00
1.00	0.	0.	0.	0.	0.	0.	0.	3.862E 00	4.084E 00	4.295E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	4.656E 00	4.896E 00

TIME VERSUS ETA

DELTA = 0.75 ALPHA = 0.80 PSI = 0.

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.006E 00	1.213E 00	1.388E 00	1.544E 00	1.686E 00	1.817E 00	1.938E 00	2.053E 00	2.161E 00
0.50	0.	0.	0.	1.902E 00	2.112E 00	2.304E 00	2.480E 00	2.645E 00	2.800E 00	2.947E 00
0.75	0.	0.	0.	0.	0.	2.851E 00	3.068E 00	3.271E 00	3.461E 00	3.642E 00
1.00	0.	0.	0.	0.	0.	0.	0.	3.846E 00	4.070E 00	4.281E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	4.641E 00	4.882E 00

TIME VERSUS ETA

DELTA = 1.00 ALPHA = 0.80 PSI = 0.

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	9.814E-01	1.192E 00	1.370E 00	1.528E 00	1.671E 00	1.803E 00	1.925E 00	2.041E 00	2.150E 00
0.50	0.	0.	0.	1.882E 00	2.094E 00	2.287E 00	2.465E 00	2.631E 00	2.787E 00	2.934E 00
0.75	0.	0.	0.	0.	0.	2.834E 00	3.052E 00	3.255E 00	3.447E 00	3.629E 00
1.00	0.	0.	0.	0.	0.	0.	0.	3.830E 00	4.055E 00	4.267E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	4.626E 00	4.868E 00

TIME VERSUS ETA

DELTA = 0. ALPHA = 1.00 PSI = 0.

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	1.164E 00	1.314E 00	1.448E 00	1.570E 00	1.684E 00	1.790E 00	1.891E 00	1.986E 00
0.50	0.	0.	0.	0.	1.980E 00	2.147E 00	2.303E 00	2.448E 00	2.586E 00	2.716E 00
0.75	0.	0.	0.	0.	0.	0.	2.853E 00	3.033E 00	3.204E 00	3.365E 00
1.00	0.	0.	0.	0.	0.	0.	0.	0.	3.774E 00	3.965E 00

TIME VERSUS ETA

DELTA = 0.25 ALPHA = 1.00 PSI = 0.

	OMEGA									
ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	1.143E 00	1.295E 00	1.430E 00	1.554E 00	1.669E 00	1.776E 00	1.877E 00	1.974E 00
0.50	0.	0.	0.	0.	1.961E 00	2.130E 00	2.286E 00	2.433E 00	2.571E 00	2.702E 00
0.75	0.	0.	0.	0.	0.	0.	2.836E 00	3.017E 00	3.188E 00	3.351E 00
1.00	0.	0.	0.	0.	0.	0.	0.	0.	3.758E 00	3.949E 00

TIME VERSUS ETA

DELTA = 0.50 ALPHA = 1.00 PSI = 0.

	OMEGA									
ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	1.121E 00	1.275E 00	1.413E 00	1.538E 00	1.654E 00	1.762E 00	1.864E 00	1.961E 00
0.50	0.	0.	0.	0.	1.941E 00	2.112E 00	2.270E 00	2.417E 00	2.556E 00	2.688E 00
0.75	0.	0.	0.	0.	0.	0.	2.818E 00	3.001E 00	3.173E 00	3.336E 00
1.00	0.	0.	0.	0.	0.	0.	0.	0.	3.742E 00	3.934E 00

TIME VERSUS ETA

DELTA = 0.75 ALPHA = 1.00 PSI = 0.

	OMEGA									
ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	1.099E 00	1.256E 00	1.395E 00	1.522E 00	1.639E 00	1.748E 00	1.851E 00	1.948E 00
0.50	0.	0.	0.	0.	1.922E 00	2.094E 00	2.253E 00	2.402E 00	2.542E 00	2.674E 00
0.75	0.	0.	0.	0.	0.	0.	2.801E 00	2.984E 00	3.157E 00	3.321E 00
1.00	0.	0.	0.	0.	0.	0.	0.	0.	3.726E 00	3.919E 00

TIME VERSUS ETA

DELTA = 1.00 ALPHA = 1.00 PSI = 0.

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	1.076E 00	1.236E 00	1.377E 00	1.506E 00	1.624E 00	1.734E 00	1.837E 00	1.935E 00
0.50	0.	0.	0.	0.	1.902E 00	2.076E 00	2.236E 00	2.386E 00	2.527E 00	2.660E 00
0.75	0.	0.	0.	0.	0.	0.	2.783E 00	2.968E 00	3.141E 00	3.306E 00
1.00	0.	0.	0.	0.	0.	0.	0.	0.	3.710E 00	3.903E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

TIME VERSUS ETA

DELTA = 0. ALPHA = 0.20 PSI = 0.02

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.422E 00	1.947E 00	2.358E 00	2.708E 00	3.017E 00	3.297E 00	3.555E 00	3.796E 00	4.023E 00	4.237E 00
0.50	1.901E 00	2.596E 00	3.142E 00	3.605E 00	4.016E 00	4.388E 00	4.731E 00	5.051E 00	5.352E 00	5.637E 00
0.75	0.	3.155E 00	3.815E 00	4.376E 00	4.873E 00	5.324E 00	5.740E 00	6.128E 00	6.492E 00	6.837E 00
1.00	0.	3.657E 00	4.419E 00	5.067E 00	5.642E 00	6.163E 00	6.643E 00	7.091E 00	7.513E 00	7.911E 00
1.25	0.	0.	4.974E 00	5.702E 00	6.348E 00	6.933E 00	7.473E 00	7.976E 00	8.450E 00	8.898E 00
1.50	0.	0.	5.493E 00	6.296E 00	7.007E 00	7.652E 00	8.247E 00	8.802E 00	9.324E 00	9.819E 00
1.75	0.	0.	0.	6.857E 00	7.630E 00	8.332E 00	8.979E 00	9.583E 00	1.015E 01	1.069E 01
2.00	0.	0.	0.	7.391E 00	8.224E 00	8.979E 00	9.676E 00	1.033E 01	1.094E 01	1.152E 01
2.25	0.	0.	0.	0.	8.793E 00	9.600E 00	1.034E 01	1.104E 01	1.169E 01	1.231E 01
2.50	0.	0.	0.	0.	9.342E 00	1.020E 01	1.099E 01	1.172E 01	1.242E 01	1.307E 01
2.75	0.	0.	0.	0.	0.	1.078E 01	1.161E 01	1.239E 01	1.312E 01	1.381E 01
3.00	0.	0.	0.	0.	0.	1.134E 01	1.222E 01	1.303E 01	1.380E 01	1.453E 01
3.25	0.	0.	0.	0.	0.	1.189E 01	1.280E 01	1.366E 01	1.447E 01	1.523E 01
3.50	0.	0.	0.	0.	0.	0.	1.338E 01	1.427E 01	1.512E 01	1.591E 01
3.75	0.	0.	0.	0.	0.	0.	1.394E 01	1.487E 01	1.575E 01	1.658E 01
4.00	0.	0.	0.	0.	0.	0.	0.	1.546E 01	1.637E 01	1.723E 01
4.25	0.	0.	0.	0.	0.	0.	0.	1.604E 01	1.698E 01	1.788E 01
4.50	0.	0.	0.	0.	0.	0.	0.	1.660E 01	1.758E 01	1.851E 01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	1.817E 01	1.913E 01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	1.875E 01	1.974E 01

TIME VERSUS ETA

DELTA = 0.25 ALPHA = 0.20 PSI = 0.02

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.404E 00	1.934E 00	2.348E 00	2.698E 00	3.009E 00	3.290E 00	3.548E 00	3.790E 00	4.016E 00	4.231E 00
0.50	1.880E 00	2.582E 00	3.130E 00	3.595E 00	4.007E 00	4.380E 00	4.723E 00	5.044E 00	5.345E 00	5.630E 00
0.75	0.	3.139E 00	3.802E 00	4.365E 00	4.863E 00	5.315E 00	5.731E 00	6.119E 00	6.484E 00	6.830E 00
1.00	0.	3.640E 00	4.405E 00	5.055E 00	5.631E 00	6.153E 00	6.634E 00	7.083E 00	7.505E 00	7.904E 00
1.25	0.	0.	4.960E 00	5.690E 00	6.337E 00	6.923E 00	7.464E 00	7.968E 00	8.442E 00	8.890E 00
1.50	0.	0.	5.479E 00	6.283E 00	6.996E 00	7.642E 00	8.238E 00	8.794E 00	9.316E 00	9.811E 00
1.75	0.	0.	0.	6.844E 00	7.619E 00	8.322E 00	8.969E 00	9.574E 00	1.014E 01	1.068E 01
2.00	0.	0.	0.	7.379E 00	8.212E 00	8.969E 00	9.666E 00	1.032E 01	1.093E 01	1.151E 01
2.25	0.	0.	0.	0.	8.781E 00	9.589E 00	1.033E 01	1.103E 01	1.168E 01	1.230E 01
2.50	0.	0.	0.	0.	9.330E 00	1.019E 01	1.098E 01	1.172E 01	1.241E 01	1.307E 01
2.75	0.	0.	0.	0.	0.	1.077E 01	1.160E 01	1.238E 01	1.311E 01	1.381E 01
3.00	0.	0.	0.	0.	0.	1.133E 01	1.221E 01	1.302E 01	1.379E 01	1.452E 01
3.25	0.	0.	0.	0.	0.	1.188E 01	1.279E 01	1.365E 01	1.446E 01	1.522E 01
3.50	0.	0.	0.	0.	0.	0.	1.337E 01	1.426E 01	1.511E 01	1.590E 01
3.75	0.	0.	0.	0.	0.	0.	1.393E 01	1.486E 01	1.574E 01	1.657E 01
4.00	0.	0.	0.	0.	0.	0.	0.	1.545E 01	1.636E 01	1.723E 01
4.25	0.	0.	0.	0.	0.	0.	0.	1.603E 01	1.697E 01	1.787E 01
4.50	0.	0.	0.	0.	0.	0.	0.	1.659E 01	1.757E 01	1.850E 01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	1.816E 01	1.912E 01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	1.874E 01	1.973E 01

TIME VERSUS ETA

DELTA = 0.50 ALPHA = 0.20 PSI = 0.02

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.386E 00	1.921E 00	2.337E 00	2.689E 00	3.000E 00	3.282E 00	3.541E 00	3.783E 00	4.010E 00	4.225E 00
0.50	1.860E 00	2.567E 00	3.118E 00	3.584E 00	3.997E 00	4.371E 00	4.715E 00	5.036E 00	5.338E 00	5.623E 00
0.75	0.	3.124E 00	3.789E 00	4.354E 00	4.853E 00	5.306E 00	5.723E 00	6.111E 00	6.477E 00	6.823E 00
1.00	0.	3.624E 00	4.392E 00	5.044E 00	5.621E 00	6.144E 00	6.625E 00	7.074E 00	7.497E 00	7.896E 00
1.25	0.	0.	4.946E 00	5.678E 00	6.326E 00	6.913E 00	7.454E 00	7.959E 00	8.433E 00	8.882E 00
1.50	0.	0.	5.465E 00	6.271E 00	6.985E 00	7.632E 00	8.229E 00	8.785E 00	9.308E 00	9.803E 00
1.75	0.	0.	0.	6.832E 00	7.607E 00	8.311E 00	8.960E 00	9.565E 00	1.013E 01	1.067E 01
2.00	0.	0.	0.	7.366E 00	8.201E 00	8.958E 00	9.656E 00	1.031E 01	1.092E 01	1.150E 01
2.25	0.	0.	0.	0.	8.770E 00	9.579E 00	1.032E 01	1.102E 01	1.167E 01	1.229E 01
2.50	0.	0.	0.	0.	9.319E 00	1.018E 01	1.097E 01	1.171E 01	1.240E 01	1.306E 01
2.75	0.	0.	0.	0.	0.	1.076E 01	1.159E 01	1.237E 01	1.310E 01	1.380E 01
3.00	0.	0.	0.	0.	0.	1.132E 01	1.220E 01	1.301E 01	1.379E 01	1.451E 01
3.25	0.	0.	0.	0.	0.	1.187E 01	1.278E 01	1.364E 01	1.445E 01	1.521E 01
3.50	0.	0.	0.	0.	0.	0.	1.336E 01	1.426E 01	1.510E 01	1.590E 01
3.75	0.	0.	0.	0.	0.	0.	1.392E 01	1.485E 01	1.573E 01	1.656E 01
4.00	0.	0.	0.	0.	0.	0.	0.	1.544E 01	1.635E 01	1.722E 01
4.25	0.	0.	0.	0.	0.	0.	0.	1.602E 01	1.696E 01	1.786E 01
4.50	0.	0.	0.	0.	0.	0.	0.	1.659E 01	1.756E 01	1.849E 01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	1.815E 01	1.911E 01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	1.873E 01	1.972E 01

TIME VERSUS ETA

DELTA = 0.75 ALPHA = 0.20 PSI = 0.02

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.368E 00	1.908E 00	2.326E 00	2.680E 00	2.992E 00	3.274E 00	3.534E 00	3.776E 00	4.004E 00	4.219E 00
0.50	1.840E 00	2.552E 00	3.105E 00	3.574E 00	3.988E 00	4.362E 00	4.707E 00	5.029E 00	5.331E 00	5.617E 00
0.75	0.	3.108E 00	3.776E 00	4.342E 00	4.843E 00	5.297E 00	5.714E 00	6.103E 00	6.469E 00	6.815E 00
1.00	0.	3.607E 00	4.378E 00	5.032E 00	5.610E 00	6.134E 00	6.616E 00	7.066E 00	7.489E 00	7.889E 00
1.25	0.	0.	4.932E 00	5.666E 00	6.315E 00	6.903E 00	7.445E 00	7.950E 00	8.425E 00	8.875E 00
1.50	0.	0.	5.451E 00	6.259E 00	6.974E 00	7.622E 00	8.219E 00	8.776E 00	9.299E 00	9.795E 00
1.75	0.	0.	0.	6.819E 00	7.596E 00	8.301E 00	8.950E 00	9.556E 00	1.012E 01	1.066E 01
2.00	0.	0.	0.	7.353E 00	8.189E 00	8.948E 00	9.647E 00	1.030E 01	1.091E 01	1.149E 01
2.25	0.	0.	0.	0.	8.758E 00	9.568E 00	1.031E 01	1.101E 01	1.166E 01	1.228E 01
2.50	0.	0.	0.	0.	9.307E 00	1.017E 01	1.096E 01	1.170E 01	1.239E 01	1.305E 01
2.75	0.	0.	0.	0.	0.	1.074E 01	1.158E 01	1.236E 01	1.309E 01	1.379E 01
3.00	0.	0.	0.	0.	0.	1.131E 01	1.219E 01	1.301E 01	1.378E 01	1.451E 01
3.25	0.	0.	0.	0.	0.	1.185E 01	1.277E 01	1.363E 01	1.444E 01	1.521E 01
3.50	0.	0.	0.	0.	0.	0.	1.335E 01	1.425E 01	1.509E 01	1.589E 01
3.75	0.	0.	0.	0.	0.	0.	1.391E 01	1.485E 01	1.572E 01	1.655E 01
4.00	0.	0.	0.	0.	0.	0.	0.	1.543E 01	1.634E 01	1.721E 01
4.25	0.	0.	0.	0.	0.	0.	0.	1.601E 01	1.695E 01	1.785E 01
4.50	0.	0.	0.	0.	0.	0.	0.	1.658E 01	1.755E 01	1.848E 01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	1.814E 01	1.910E 01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	1.872E 01	1.971E 01

TIME VERSUS ETA

DELTA = 1.00 ALPHA = 0.20 PSI = 0.02

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.349E 00	1.895E 00	2.315E 00	2.670E 00	2.983E 00	3.267E 00	3.527E 00	3.770E 00	3.998E 00	4.213E 00
0.50	1.819E 00	2.537E 00	3.093E 00	3.563E 00	3.978E 00	4.354E 00	4.699E 00	5.021E 00	5.324E 00	5.610E 00
0.75	0.	3.092E 00	3.763E 00	4.331E 00	4.833E 00	5.287E 00	5.706E 00	6.095E 00	6.462E 00	6.808E 00
1.00	0.	3.591E 00	4.364E 00	5.020E 00	5.599E 00	6.124E 00	6.607E 00	7.058E 00	7.481E 00	7.881E 00
1.25	0.	0.	4.918E 00	5.654E 00	6.304E 00	6.893E 00	7.436E 00	7.942E 00	8.417E 00	8.867E 00
1.50	0.	0.	5.436E 00	6.246E 00	6.963E 00	7.612E 00	8.210E 00	8.767E 00	9.291E 00	9.787E 00
1.75	0.	0.	0.	6.806E 00	7.585E 00	8.291E 00	8.941E 00	9.547E 00	1.012E 01	1.066E 01
2.00	0.	0.	0.	7.340E 00	8.178E 00	8.937E 00	9.637E 00	1.029E 01	1.090E 01	1.148E 01
2.25	0.	0.	0.	0.	8.747E 00	9.558E 00	1.030E 01	1.100E 01	1.166E 01	1.228E 01
2.50	0.	0.	0.	0.	9.295E 00	1.016E 01	1.095E 01	1.169E 01	1.238E 01	1.304E 01
2.75	0.	0.	0.	0.	0.	1.073E 01	1.157E 01	1.235E 01	1.309E 01	1.378E 01
3.00	0.	0.	0.	0.	0.	1.130E 01	1.218E 01	1.300E 01	1.377E 01	1.450E 01
3.25	0.	0.	0.	0.	0.	1.184E 01	1.276E 01	1.362E 01	1.443E 01	1.520E 01
3.50	0.	0.	0.	0.	0.	0.	1.334E 01	1.424E 01	1.508E 01	1.588E 01
3.75	0.	0.	0.	0.	0.	0.	1.390E 01	1.484E 01	1.571E 01	1.655E 01
4.00	0.	0.	0.	0.	0.	0.	0.	1.542E 01	1.634E 01	1.720E 01
4.25	0.	0.	0.	0.	0.	0.	0.	1.600E 01	1.695E 01	1.784E 01
4.50	0.	0.	0.	0.	0.	0.	0.	1.657E 01	1.754E 01	1.847E 01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	1.813E 01	1.909E 01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	1.871E 01	1.970E 01

TIME VERSUS ETA

DELTA = 0. ALPHA = 0.40 PSI = 0.02

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.070E 00	1.429E 00	1.713E 00	1.957E 00	2.174E 00	2.371E 00	2.553E 00	2.723E 00	2.882E 00	3.034E 00
0.50	0.	1.922E 00	2.303E 00	2.629E 00	2.919E 00	3.182E 00	3.426E 00	3.653E 00	3.867E 00	4.069E 00
0.75	0.	0.	2.815E 00	3.212E 00	3.566E 00	3.887E 00	4.184E 00	4.461E 00	4.722E 00	4.969E 00
1.00	0.	0.	0.	3.742E 00	4.152E 00	4.526E 00	4.871E 00	5.193E 00	5.496E 00	5.783E 00
1.25	0.	0.	0.	0.	4.697E 00	5.118E 00	5.508E 00	5.871E 00	6.214E 00	6.538E 00
1.50	0.	0.	0.	0.	0.	5.677E 00	6.108E 00	6.511E 00	6.890E 00	7.250E 00
1.75	0.	0.	0.	0.	0.	0.	6.680E 00	7.120E 00	7.534E 00	7.927E 00
2.00	0.	0.	0.	0.	0.	0.	0.	7.704E 00	8.152E 00	8.577E 00
2.25	0.	0.	0.	0.	0.	0.	0.	8.268E 00	8.749E 00	9.204E 00
2.50	0.	0.	0.	0.	0.	0.	0.	0.	9.327E 00	9.812E 00
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.040E 01

TIME VERSUS ETA

DELTA = 0.25 ALPHA = 0.40 PSI = 0.02

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.047E 00	1.411E 00	1.699E 00	1.945E 00	2.162E 00	2.360E 00	2.543E 00	2.713E 00	2.874E 00	3.025E 00
0.50	0.	1.902E 00	2.286E 00	2.614E 00	2.906E 00	3.170E 00	3.415E 00	3.643E 00	3.857E 00	4.060E 00
0.75	0.	0.	2.798E 00	3.197E 00	3.552E 00	3.874E 00	4.172E 00	4.450E 00	4.711E 00	4.959E 00
1.00	0.	0.	0.	3.726E 00	4.138E 00	4.512E 00	4.858E 00	5.181E 00	5.485E 00	5.773E 00
1.25	0.	0.	0.	0.	4.682E 00	5.105E 00	5.495E 00	5.860E 00	6.203E 00	6.528E 00
1.50	0.	0.	0.	0.	0.	5.663E 00	6.095E 00	6.499E 00	6.879E 00	7.239E 00
1.75	0.	0.	0.	0.	0.	0.	6.667E 00	7.108E 00	7.523E 00	7.916E 00
2.00	0.	0.	0.	0.	0.	0.	0.	7.692E 00	8.140E 00	8.566E 00
2.25	0.	0.	0.	0.	0.	0.	0.	8.256E 00	8.737E 00	9.193E 00
2.50	0.	0.	0.	0.	0.	0.	0.	0.	9.316E 00	9.801E 00
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.039E 01

TIME VERSUS ETA

DELTA = 0.50 ALPHA = 0.40 PSI = 0.02

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.022E 00	1.393E 00	1.684E 00	1.932E 00	2.151E 00	2.350E 00	2.533E 00	2.704E 00	2.865E 00	3.017E 00
0.50	0.	1.882E 00	2.269E 00	2.600E 00	2.893E 00	3.158E 00	3.404E 00	3.632E 00	3.847E 00	4.051E 00
0.75	0.	0.	2.780E 00	3.182E 00	3.538E 00	3.862E 00	4.160E 00	4.439E 00	4.701E 00	4.949E 00
1.00	0.	0.	0.	3.710E 00	4.123E 00	4.499E 00	4.846E 00	5.170E 00	5.474E 00	5.762E 00
1.25	0.	0.	0.	0.	4.667E 00	5.091E 00	5.482E 00	5.848E 00	6.191E 00	6.517E 00
1.50	0.	0.	0.	0.	0.	5.649E 00	6.082E 00	6.487E 00	6.867E 00	7.228E 00
1.75	0.	0.	0.	0.	0.	0.	6.654E 00	7.095E 00	7.511E 00	7.905E 00
2.00	0.	0.	0.	0.	0.	0.	0.	7.679E 00	8.129E 00	8.555E 00
2.25	0.	0.	0.	0.	0.	0.	0.	8.243E 00	8.725E 00	9.182E 00
2.50	0.	0.	0.	0.	0.	0.	0.	0.	9.304E 00	9.790E 00
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.038E 01

TIME VERSUS ETA

DELTA = 0.75 ALPHA = 0.40 PSI = 0.02

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	9.975E-01	1.375E 00	1.669E 00	1.919E 00	2.139E 00	2.339E 00	2.523E 00	2.695E 00	2.856E 00	3.009E 00
0.50	0.	1.862E 00	2.253E 00	2.585E 00	2.880E 00	3.146E 00	3.392E 00	3.622E 00	3.837E 00	4.042E 00
0.75	0.	0.	2.762E 00	3.166E 00	3.524E 00	3.849E 00	4.148E 00	4.428E 00	4.690E 00	4.939E 00
1.00	0.	0.	0.	3.694E 00	4.109E 00	4.486E 00	4.834E 00	5.158E 00	5.463E 00	5.752E 00
1.25	0.	0.	0.	0.	4.652E 00	5.077E 00	5.470E 00	5.836E 00	6.180E 00	6.506E 00
1.50	0.	0.	0.	0.	0.	5.635E 00	6.069E 00	6.475E 00	6.856E 00	7.217E 00
1.75	0.	0.	0.	0.	0.	0.	6.641E 00	7.083E 00	7.499E 00	7.894E 00
2.00	0.	0.	0.	0.	0.	0.	0.	7.667E 00	8.117E 00	8.544E 00
2.25	0.	0.	0.	0.	0.	0.	0.	8.231E 00	8.713E 00	9.171E 00
2.50	0.	0.	0.	0.	0.	0.	0.	0.	9.292E 00	9.779E 00
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.037E 01

TIME VERSUS ETA

DELTA = 1.00 ALPHA = 0.40 PSI = 0.02

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	9.720E-01	1.357E 00	1.654E 00	1.906E 00	2.127E 00	2.328E 00	2.513E 00	2.686E 00	2.847E 00	3.000E 00
0.50	0.	1.841E 00	2.236E 00	2.571E 00	2.866E 00	3.134E 00	3.381E 00	3.611E 00	3.828E 00	4.032E 00
0.75	0.	0.	2.744E 00	3.150E 00	3.510E 00	3.836E 00	4.137E 00	4.417E 00	4.680E 00	4.929E 00
1.00	0.	0.	0.	3.677E 00	4.094E 00	4.473E 00	4.821E 00	5.146E 00	5.452E 00	5.742E 00
1.25	0.	0.	0.	0.	4.637E 00	5.064E 00	5.457E 00	5.824E 00	6.169E 00	6.496E 00
1.50	0.	0.	0.	0.	0.	5.621E 00	6.056E 00	6.463E 00	6.845E 00	7.206E 00
1.75	0.	0.	0.	0.	0.	0.	6.628E 00	7.071E 00	7.488E 00	7.883E 00
2.00	0.	0.	0.	0.	0.	0.	0.	7.655E 00	8.105E 00	8.532E 00
2.25	0.	0.	0.	0.	0.	0.	0.	8.219E 00	8.702E 00	9.159E 00
2.50	0.	0.	0.	0.	0.	0.	0.	0.	9.280E 00	9.767E 00
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.036E 01

TIME VERSUS ETA

DELTA = 0. ALPHA = 0.60 PSI = 0.02

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.207E 00	1.435E 00	1.632E 00	1.807E 00	1.967E 00	2.115E 00	2.253E 00	2.384E 00	2.507E 00
0.50	0.	0.	1.942E 00	2.208E 00	2.444E 00	2.660E 00	2.859E 00	3.046E 00	3.221E 00	3.388E 00
0.75	0.	0.	0.	0.	3.003E 00	3.267E 00	3.512E 00	3.741E 00	3.956E 00	4.160E 00
1.00	0.	0.	0.	0.	0.	3.822E 00	4.108E 00	4.375E 00	4.627E 00	4.865E 00
1.25	0.	0.	0.	0.	0.	0.	4.665E 00	4.968E 00	5.253E 00	5.524E 00
1.50	0.	0.	0.	0.	0.	0.	0.	5.530E 00	5.848E 00	6.149E 00
1.75	0.	0.	0.	0.	0.	0.	0.	0.	6.416E 00	6.747E 00

TIME VERSUS ETA

DELTA = 0.25 ALPHA = 0.60 PSI = 0.02

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.186E 00	1.418E 00	1.617E 00	1.794E 00	1.955E 00	2.103E 00	2.242E 00	2.373E 00	2.497E 00
0.50	0.	0.	1.923E 00	2.190E 00	2.429E 00	2.646E 00	2.846E 00	3.033E 00	3.210E 00	3.377E 00
0.75	0.	0.	0.	0.	2.987E 00	3.252E 00	3.498E 00	3.727E 00	3.943E 00	4.148E 00
1.00	0.	0.	0.	0.	0.	3.807E 00	4.093E 00	4.361E 00	4.614E 00	4.853E 00
1.25	0.	0.	0.	0.	0.	0.	4.650E 00	4.954E 00	5.240E 00	5.512E 00
1.50	0.	0.	0.	0.	0.	0.	0.	5.516E 00	5.834E 00	6.136E 00
1.75	0.	0.	0.	0.	0.	0.	0.	0.	6.403E 00	6.734E 00

TIME VERSUS ETA

DELTA = 0.50 ALPHA = 0.60 PSI = 0.02

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.165E 00	1.400E 00	1.601E 00	1.780E 00	1.942E 00	2.092E 00	2.231E 00	2.363E 00	2.487E 00
0.50	0.	0.	1.903E 00	2.173E 00	2.413E 00	2.631E 00	2.833E 00	3.021E 00	3.198E 00	3.365E 00
0.75	0.	0.	0.	0.	2.970E 00	3.237E 00	3.484E 00	3.714E 00	3.931E 00	4.136E 00
1.00	0.	0.	0.	0.	0.	3.791E 00	4.079E 00	4.348E 00	4.601E 00	4.841E 00
1.25	0.	0.	0.	0.	0.	0.	4.635E 00	4.940E 00	5.227E 00	5.499E 00
1.50	0.	0.	0.	0.	0.	0.	0.	5.501E 00	5.820E 00	6.123E 00
1.75	0.	0.	0.	0.	0.	0.	0.	0.	6.389E 00	6.721E 00

TIME VERSUS ETA

DELTA = 0.75 ALPHA = 0.60 PSI = 0.02

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.143E 00	1.382E 00	1.585E 00	1.766E 00	1.929E 00	2.080E 00	2.220E 00	2.352E 00	2.477E 00
0.50	0.	0.	1.883E 00	2.156E 00	2.397E 00	2.617E 00	2.819E 00	3.008E 00	3.186E 00	3.354E 00
0.75	0.	0.	0.	0.	2.953E 00	3.222E 00	3.470E 00	3.701E 00	3.918E 00	4.125E 00
1.00	0.	0.	0.	0.	0.	3.775E 00	4.064E 00	4.334E 00	4.588E 00	4.828E 00
1.25	0.	0.	0.	0.	0.	0.	4.620E 00	4.926E 00	5.214E 00	5.486E 00
1.50	0.	0.	0.	0.	0.	0.	0.	5.487E 00	5.807E 00	6.110E 00
1.75	0.	0.	0.	0.	0.	0.	0.	0.	6.375E 00	6.707E 00

TIME VERSUS ETA

DELTA = 1.00 ALPHA = 0.60 PSI = 0.02

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.121E 00	1.364E 00	1.570E 00	1.751E 00	1.916E 00	2.068E 00	2.209E 00	2.341E 00	2.467E 00
0.50	0.	0.	1.863E 00	2.138E 00	2.382E 00	2.602E 00	2.806E 00	2.996E 00	3.174E 00	3.343E 00
0.75	0.	0.	0.	0.	2.936E 00	3.206E 00	3.455E 00	3.687E 00	3.906E 00	4.113E 00
1.00	0.	0.	0.	0.	0.	3.759E 00	4.049E 00	4.320E 00	4.575E 00	4.816E 00
1.25	0.	0.	0.	0.	0.	0.	4.605E 00	4.911E 00	5.200E 00	5.474E 00
1.50	0.	0.	0.	0.	0.	0.	0.	5.473E 00	5.793E 00	6.097E 00
1.75	0.	0.	0.	0.	0.	0.	0.	0.	6.361E 00	6.694E 00

TIME VERSUS ETA

DELTA = 0. ALPHA = 0.80 PSI = 0.02

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.079E 00	1.273E 00	1.442E 00	1.593E 00	1.730E 00	1.858E 00	1.977E 00	2.090E 00	2.197E 00
0.50	0.	0.	0.	1.962E 00	2.167E 00	2.354E 00	2.528E 00	2.690E 00	2.843E 00	2.988E 00
0.75	0.	0.	0.	0.	0.	2.906E 00	3.120E 00	3.320E 00	3.509E 00	3.688E 00
1.00	0.	0.	0.	0.	0.	0.	3.664E 00	3.899E 00	4.120E 00	4.330E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	4.695E 00	4.934E 00
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.510E 00

TIME VERSUS ETA

DELTA = 0.25 ALPHA = 0.80 PSI = 0.02

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.055E 00	1.254E 00	1.424E 00	1.577E 00	1.716E 00	1.845E 00	1.965E 00	2.078E 00	2.185E 00
0.50	0.	0.	0.	1.943E 00	2.150E 00	2.338E 00	2.513E 00	2.676E 00	2.830E 00	2.975E 00
0.75	0.	0.	0.	0.	0.	2.889E 00	3.104E 00	3.305E 00	3.495E 00	3.674E 00
1.00	0.	0.	0.	0.	0.	0.	3.648E 00	3.884E 00	4.106E 00	4.317E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	4.680E 00	4.920E 00
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.495E 00

TIME VERSUS ETA

DELTA = 0.50 ALPHA = 0.80 PSI = 0.02

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.031E 00	1.233E 00	1.407E 00	1.561E 00	1.701E 00	1.831E 00	1.952E 00	2.066E 00	2.174E 00
0.50	0.	0.	0.	1.924E 00	2.132E 00	2.322E 00	2.498E 00	2.662E 00	2.816E 00	2.963E 00
0.75	0.	0.	0.	0.	0.	2.872E 00	3.088E 00	3.290E 00	3.480E 00	3.661E 00
1.00	0.	0.	0.	0.	0.	0.	3.631E 00	3.868E 00	4.091E 00	4.303E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	4.665E 00	4.906E 00
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.481E 00

TIME VERSUS ETA

DELTA = 0.75 ALPHA = 0.80 PSI = 0.02

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.007E 00	1.213E 00	1.389E 00	1.545E 00	1.687E 00	1.817E 00	1.939E 00	2.054E 00	2.162E 00
0.50	0.	0.	0.	1.904E 00	2.114E 00	2.306E 00	2.483E 00	2.648E 00	2.803E 00	2.950E 00
0.75	0.	0.	0.	0.	0.	2.855E 00	3.072E 00	3.275E 00	3.466E 00	3.647E 00
1.00	0.	0.	0.	0.	0.	0.	3.615E 00	3.853E 00	4.076E 00	4.289E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	4.650E 00	4.892E 00
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.466E 00

TIME VERSUS ETA

DELTA = 1.00 ALPHA = 0.80 PSI = 0.02

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	9.818E-01	1.192E 00	1.371E 00	1.529E 00	1.672E 00	1.804E 00	1.926E 00	2.042E 00	2.151E 00
0.50	0.	0.	0.	1.884E 00	2.096E 00	2.289E 00	2.467E 00	2.633E 00	2.789E 00	2.937E 00
0.75	0.	0.	0.	0.	0.	2.837E 00	3.056E 00	3.260E 00	3.452E 00	3.634E 00
1.00	0.	0.	0.	0.	0.	0.	0.	3.837E 00	4.062E 00	4.275E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	4.635E 00	4.877E 00

TIME VERSUS ETA

DELTA = 0. ALPHA = 1.00 PSI = 0.02

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	9.935E-01	1.165E 00	1.314E 00	1.448E 00	1.571E 00	1.685E 00	1.791E 00	1.892E 00	1.987E 00
0.50	0.	0.	0.	0.	1.982E 00	2.150E 00	2.305E 00	2.451E 00	2.589E 00	2.719E 00
0.75	0.	0.	0.	0.	0.	0.	2.858E 00	3.038E 00	3.209E 00	3.371E 00
1.00	0.	0.	0.	0.	0.	0.	0.	0.	3.782E 00	3.972E 00

TIME VERSUS ETA

DELTA = 0.25 ALPHA = 1.00 PSI = 0.02

	OMEGA									
ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	1.144E 00	1.295E 00	1.431E 00	1.555E 00	1.670E 00	1.777E 00	1.878E 00	1.975E 00
0.50	0.	0.	0.	0.	1.963E 00	2.132E 00	2.289E 00	2.436E 00	2.574E 00	2.705E 00
0.75	0.	0.	0.	0.	0.	0.	2.840E 00	3.022E 00	3.193E 00	3.356E 00
1.00	0.	0.	0.	0.	0.	0.	0.	0.	3.766E 00	3.957E 00

TIME VERSUS ETA

DELTA = 0.50 ALPHA = 1.00 PSI = 0.02

	OMEGA									
ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	1.122E 00	1.276E 00	1.414E 00	1.539E 00	1.655E 00	1.763E 00	1.865E 00	1.962E 00
0.50	0.	0.	0.	0.	1.944E 00	2.114E 00	2.272E 00	2.420E 00	2.559E 00	2.691E 00
0.75	0.	0.	0.	0.	0.	0.	2.823E 00	3.006E 00	3.178E 00	3.341E 00
1.00	0.	0.	0.	0.	0.	0.	0.	0.	3.750E 00	3.942E 00

TIME VERSUS ETA

DELTA = 0.75 ALPHA = 1.00 PSI = 0.02

	OMEGA									
ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	1.099E 00	1.256E 00	1.396E 00	1.523E 00	1.640E 00	1.749E 00	1.852E 00	1.949E 00
0.50	0.	0.	0.	0.	1.924E 00	2.096E 00	2.256E 00	2.404E 00	2.545E 00	2.677E 00
0.75	0.	0.	0.	0.	0.	0.	2.805E 00	2.989E 00	3.162E 00	3.326E 00
1.00	0.	0.	0.	0.	0.	0.	0.	0.	3.734E 00	3.927E 00

TIME VERSUS ETA

DELTA = 1.00 ALPHA = 1.00 PSI = 0.02

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	1.076E 00	1.236E 00	1.378E 00	1.506E 00	1.625E 00	1.735E 00	1.838E 00	1.937E 00
0.50	0.	0.	0.	0.	1.904E 00	2.078E 00	2.239E 00	2.389E 00	2.530E 00	2.663E 00
0.75	0.	0.	0.	0.	0.	0.	2.787E 00	2.972E 00	3.146E 00	3.311E 00
1.00	0.	0.	0.	0.	0.	0.	0.	0.	3.717E 00	3.911E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

TIME VERSUS ETA

DELTA = 0. ALPHA = 0.20 PSI = 0.04

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.422E 00	1.947E 00	2.359E 00	2.708E 00	3.017E 00	3.298E 00	3.556E 00	3.797E 00	4.023E 00	4.237E 00
0.50	1.901E 00	2.597E 00	3.143E 00	3.607E 00	4.017E 00	4.390E 00	4.733E 00	5.053E 00	5.354E 00	5.638E 00
0.75	0.	3.156E 00	3.816E 00	4.378E 00	4.876E 00	5.327E 00	5.743E 00	6.130E 00	6.495E 00	6.840E 00
1.00	0.	3.659E 00	4.421E 00	5.070E 00	5.645E 00	6.166E 00	6.647E 00	7.095E 00	7.517E 00	7.916E 00
1.25	0.	0.	4.977E 00	5.706E 00	6.352E 00	6.938E 00	7.478E 00	7.982E 00	8.455E 00	8.904E 00
1.50	0.	0.	5.498E 00	6.301E 00	7.013E 00	7.659E 00	8.254E 00	8.809E 00	9.332E 00	9.826E 00
1.75	0.	0.	0.	6.863E 00	7.637E 00	8.339E 00	8.987E 00	9.591E 00	1.016E 01	1.070E 01
2.00	0.	0.	0.	7.399E 00	8.232E 00	8.988E 00	9.686E 00	1.034E 01	1.095E 01	1.153E 01
2.25	0.	0.	0.	0.	8.803E 00	9.610E 00	1.036E 01	1.105E 01	1.170E 01	1.232E 01
2.50	0.	0.	0.	0.	9.353E 00	1.021E 01	1.100E 01	1.174E 01	1.243E 01	1.309E 01
2.75	0.	0.	0.	0.	0.	1.079E 01	1.163E 01	1.240E 01	1.314E 01	1.383E 01
3.00	0.	0.	0.	0.	0.	1.135E 01	1.223E 01	1.305E 01	1.382E 01	1.455E 01
3.25	0.	0.	0.	0.	0.	1.190E 01	1.282E 01	1.368E 01	1.449E 01	1.525E 01
3.50	0.	0.	0.	0.	0.	0.	1.340E 01	1.430E 01	1.514E 01	1.594E 01
3.75	0.	0.	0.	0.	0.	0.	1.396E 01	1.490E 01	1.578E 01	1.661E 01
4.00	0.	0.	0.	0.	0.	0.	0.	1.549E 01	1.640E 01	1.726E 01
4.25	0.	0.	0.	0.	0.	0.	0.	1.607E 01	1.701E 01	1.791E 01
4.50	0.	0.	0.	0.	0.	0.	0.	1.663E 01	1.761E 01	1.854E 01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	1.820E 01	1.916E 01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	1.879E 01	1.978E 01

DELTA = 0.25 ALPHA = 0.20 PSI = 0.04

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.404E 00	1.934E 00	2.348E 00	2.699E 00	3.009E 00	3.290E 00	3.549E 00	3.790E 00	4.017E 00	4.232E 00
0.50	1.881E 00	2.583E 00	3.131E 00	3.596E 00	4.008E 00	4.381E 00	4.725E 00	5.045E 00	5.347E 00	5.632E 00
0.75	0.	3.141E 00	3.804E 00	4.367E 00	4.865E 00	5.317E 00	5.734E 00	6.122E 00	6.487E 00	6.833E 00
1.00	0.	3.642E 00	4.408E 00	5.058E 00	5.634E 00	6.157E 00	6.638E 00	7.087E 00	7.509E 00	7.908E 00
1.25	0.	0.	4.964E 00	5.694E 00	6.341E 00	6.928E 00	7.469E 00	7.973E 00	8.447E 00	8.896E 00
1.50	0.	0.	5.483E 00	6.288E 00	7.002E 00	7.648E 00	8.245E 00	8.801E 00	9.323E 00	9.819E 00
1.75	0.	0.	0.	6.850E 00	7.626E 00	8.329E 00	8.978E 00	9.582E 00	1.015E 01	1.069E 01
2.00	0.	0.	0.	7.386E 00	8.220E 00	8.978E 00	9.676E 00	1.033E 01	1.094E 01	1.152E 01
2.25	0.	0.	0.	0.	8.791E 00	9.600E 00	1.035E 01	1.104E 01	1.170E 01	1.231E 01
2.50	0.	0.	0.	0.	9.341E 00	1.020E 01	1.099E 01	1.173E 01	1.242E 01	1.308E 01
2.75	0.	0.	0.	0.	0.	1.078E 01	1.162E 01	1.240E 01	1.313E 01	1.382E 01
3.00	0.	0.	0.	0.	0.	1.134E 01	1.222E 01	1.304E 01	1.381E 01	1.454E 01
3.25	0.	0.	0.	0.	0.	1.189E 01	1.281E 01	1.367E 01	1.448E 01	1.524E 01
3.50	0.	0.	0.	0.	0.	0.	1.339E 01	1.429E 01	1.513E 01	1.593E 01
3.75	0.	0.	0.	0.	0.	0.	1.395E 01	1.489E 01	1.577E 01	1.660E 01
4.00	0.	0.	0.	0.	0.	0.	0.	1.548E 01	1.639E 01	1.725E 01
4.25	0.	0.	0.	0.	0.	0.	0.	1.606E 01	1.700E 01	1.790E 01
4.50	0.	0.	0.	0.	0.	0.	0.	1.662E 01	1.760E 01	1.853E 01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	1.820E 01	1.915E 01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	1.878E 01	1.977E 01

TIME VERSUS ETA

DELTA = 0.50 ALPHA = 0.20 PSI = 0.04

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.386E 00	1.921E 00	2.337E 00	2.689E 00	3.001E 00	3.282E 00	3.542E 00	3.783E 00	4.011E 00	4.226E 00
0.50	1.861E 00	2.568E 00	3.118E 00	3.585E 00	3.998E 00	4.372E 00	4.717E 00	5.038E 00	5.340E 00	5.625E 00
0.75	0.	3.125E 00	3.791E 00	4.356E 00	4.855E 00	5.308E 00	5.725E 00	6.114E 00	6.480E 00	6.826E 00
1.00	0.	3.626E 00	4.394E 00	5.047E 00	5.624E 00	6.147E 00	6.629E 00	7.079E 00	7.501E 00	7.901E 00
1.25	0.	0.	4.950E 00	5.682E 00	6.330E 00	6.918E 00	7.460E 00	7.964E 00	8.439E 00	8.889E 00
1.50	0.	0.	5.469E 00	6.276E 00	6.990E 00	7.638E 00	8.235E 00	8.792E 00	9.315E 00	9.811E 00
1.75	0.	0.	0.	6.838E 00	7.614E 00	8.319E 00	8.968E 00	9.573E 00	1.014E 01	1.068E 01
2.00	0.	0.	0.	7.373E 00	8.209E 00	8.967E 00	9.666E 00	1.032E 01	1.093E 01	1.151E 01
2.25	0.	0.	0.	0.	8.780E 00	9.589E 00	1.034E 01	1.103E 01	1.169E 01	1.231E 01
2.50	0.	0.	0.	0.	9.330E 00	1.019E 01	1.098E 01	1.172E 01	1.241E 01	1.307E 01
2.75	0.	0.	0.	0.	0.	1.077E 01	1.161E 01	1.239E 01	1.312E 01	1.381E 01
3.00	0.	0.	0.	0.	0.	1.133E 01	1.221E 01	1.303E 01	1.380E 01	1.453E 01
3.25	0.	0.	0.	0.	0.	1.188E 01	1.280E 01	1.366E 01	1.447E 01	1.524E 01
3.50	0.	0.	0.	0.	0.	0.	1.338E 01	1.428E 01	1.512E 01	1.592E 01
3.75	0.	0.	0.	0.	0.	0.	1.394E 01	1.488E 01	1.576E 01	1.659E 01
4.00	0.	0.	0.	0.	0.	0.	0.	1.547E 01	1.638E 01	1.725E 01
4.25	0.	0.	0.	0.	0.	0.	0.	1.605E 01	1.699E 01	1.789E 01
4.50	0.	0.	0.	0.	0.	0.	0.	1.662E 01	1.759E 01	1.852E 01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	1.819E 01	1.914E 01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	1.877E 01	1.976E 01

TIME VERSUS ETA

DELTA = 0.75 ALPHA = 0.20 PSI = 0.04

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.368E 00	1.908E 00	2.326E 00	2.680E 00	2.992E 00	3.275E 00	3.535E 00	3.777E 00	4.004E 00	4.220E 00
0.50	1.840E 00	2.553E 00	3.106E 00	3.575E 00	3.989E 00	4.364E 00	4.709E 00	5.030E 00	5.332E 00	5.618E 00
0.75	0.	3.109E 00	3.778E 00	4.344E 00	4.845E 00	5.299E 00	5.717E 00	6.106E 00	6.472E 00	6.818E 00
1.00	0.	3.610E 00	4.381E 00	5.035E 00	5.613E 00	6.137E 00	6.620E 00	7.070E 00	7.493E 00	7.893E 00
1.25	0.	0.	4.936E 00	5.670E 00	6.319E 00	6.908E 00	7.450E 00	7.956E 00	8.431E 00	8.881E 00
1.50	0.	0.	5.455E 00	6.264E 00	6.979E 00	7.628E 00	8.226E 00	8.783E 00	9.307E 00	9.803E 00
1.75	0.	0.	0.	6.825E 00	7.603E 00	8.308E 00	8.958E 00	9.564E 00	1.013E 01	1.067E 01
2.00	0.	0.	0.	7.360E 00	8.198E 00	8.957E 00	9.656E 00	1.031E 01	1.092E 01	1.150E 01
2.25	0.	0.	0.	0.	8.768E 00	9.579E 00	1.033E 01	1.102E 01	1.168E 01	1.230E 01
2.50	0.	0.	0.	0.	9.318E 00	1.018E 01	1.097E 01	1.171E 01	1.241E 01	1.306E 01
2.75	0.	0.	0.	0.	0.	1.076E 01	1.160E 01	1.238E 01	1.311E 01	1.381E 01
3.00	0.	0.	0.	0.	0.	1.132E 01	1.220E 01	1.302E 01	1.380E 01	1.453E 01
3.25	0.	0.	0.	0.	0.	1.187E 01	1.279E 01	1.365E 01	1.446E 01	1.523E 01
3.50	0.	0.	0.	0.	0.	0.	1.337E 01	1.427E 01	1.511E 01	1.591E 01
3.75	0.	0.	0.	0.	0.	0.	1.393E 01	1.487E 01	1.575E 01	1.658E 01
4.00	0.	0.	0.	0.	0.	0.	0.	1.546E 01	1.637E 01	1.724E 01
4.25	0.	0.	0.	0.	0.	0.	0.	1.604E 01	1.698E 01	1.788E 01
4.50	0.	0.	0.	0.	0.	0.	0.	1.661E 01	1.759E 01	1.851E 01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	1.818E 01	1.914E 01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	1.876E 01	1.975E 01

TIME VERSUS ETA

DELTA = 1.00 ALPHA = 0.20 PSI = 0.04

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.349E 00	1.895E 00	2.316E 00	2.671E 00	2.984E 00	3.267E 00	3.528E 00	3.770E 00	3.998E 00	4.214E 00
0.50	1.819E 00	2.538E 00	3.094E 00	3.564E 00	3.979E 00	4.355E 00	4.701E 00	5.023E 00	5.325E 00	5.612E 00
0.75	0.	3.093E 00	3.764E 00	4.333E 00	4.835E 00	5.290E 00	5.708E 00	6.098E 00	6.464E 00	6.811E 00
1.00	0.	3.593E 00	4.367E 00	5.023E 00	5.603E 00	6.128E 00	6.611E 00	7.062E 00	7.485E 00	7.886E 00
1.25	0.	0.	4.922E 00	5.658E 00	6.308E 00	6.898E 00	7.441E 00	7.947E 00	8.423E 00	8.873E 00
1.50	0.	0.	5.441E 00	6.251E 00	6.968E 00	7.618E 00	8.216E 00	8.774E 00	9.298E 00	9.795E 00
1.75	0.	0.	0.	6.812E 00	7.592E 00	8.298E 00	8.949E 00	9.555E 00	1.013E 01	1.067E 01
2.00	0.	0.	0.	7.348E 00	8.186E 00	8.946E 00	9.647E 00	1.030E 01	1.091E 01	1.149E 01
2.25	0.	0.	0.	0.	8.756E 00	9.568E 00	1.032E 01	1.101E 01	1.167E 01	1.229E 01
2.50	0.	0.	0.	0.	9.306E 00	1.017E 01	1.096E 01	1.170E 01	1.240E 01	1.306E 01
2.75	0.	0.	0.	0.	0.	1.075E 01	1.159E 01	1.237E 01	1.310E 01	1.380E 01
3.00	0.	0.	0.	0.	0.	1.131E 01	1.219E 01	1.301E 01	1.379E 01	1.452E 01
3.25	0.	0.	0.	0.	0.	1.186E 01	1.278E 01	1.364E 01	1.445E 01	1.522E 01
3.50	0.	0.	0.	0.	0.	0.	1.336E 01	1.426E 01	1.510E 01	1.590E 01
3.75	0.	0.	0.	0.	0.	0.	1.392E 01	1.486E 01	1.574E 01	1.657E 01
4.00	0.	0.	0.	0.	0.	0.	0.	1.545E 01	1.636E 01	1.723E 01
4.25	0.	0.	0.	0.	0.	0.	0.	1.603E 01	1.698E 01	1.787E 01
4.50	0.	0.	0.	0.	0.	0.	0.	1.660E 01	1.758E 01	1.851E 01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	1.817E 01	1.913E 01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	1.875E 01	1.974E 01

TIME VERSUS ETA

DELTA = 0. ALPHA = 0.40 PSI = 0.04

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.070E 00	1.429E 00	1.714E 00	1.958E 00	2.175E 00	2.372E 00	2.553E 00	2.723E 00	2.883E 00	3.034E 00
0.50	0.	1.923E 00	2.304E 00	2.630E 00	2.920E 00	3.184E 00	3.428E 00	3.655E 00	3.869E 00	4.072E 00
0.75	0.	0.	2.817E 00	3.215E 00	3.569E 00	3.890E 00	4.187E 00	4.464E 00	4.725E 00	4.973E 00
1.00	0.	0.	0.	3.746E 00	4.157E 00	4.530E 00	4.876E 00	5.198E 00	5.501E 00	5.789E 00
1.25	0.	0.	0.	0.	4.702E 00	5.125E 00	5.514E 00	5.879E 00	6.221E 00	6.546E 00
1.50	0.	0.	0.	0.	0.	5.685E 00	6.117E 00	6.520E 00	6.900E 00	7.260E 00
1.75	0.	0.	0.	0.	0.	0.	6.690E 00	7.131E 00	7.546E 00	7.939E 00
2.00	0.	0.	0.	0.	0.	0.	0.	7.717E 00	8.166E 00	8.592E 00
2.25	0.	0.	0.	0.	0.	0.	0.	8.284E 00	8.765E 00	9.221E 00
2.50	0.	0.	0.	0.	0.	0.	0.	0.	9.346E 00	9.832E 00
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.043E 01

TIME VERSUS ETA

DELTA = 0.25 ALPHA = 0.40 PSI = 0.04

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.047E 00	1.411E 00	1.699E 00	1.945E 00	2.163E 00	2.361E 00	2.544E 00	2.714E 00	2.874E 00	3.026E 00
0.50	0.	1.903E 00	2.287E 00	2.616E 00	2.907E 00	3.172E 00	3.417E 00	3.645E 00	3.859E 00	4.062E 00
0.75	0.	0.	2.800E 00	3.200E 00	3.555E 00	3.878E 00	4.175E 00	4.453E 00	4.715E 00	4.963E 00
1.00	0.	0.	0.	3.730E 00	4.142E 00	4.517E 00	4.863E 00	5.186E 00	5.491E 00	5.779E 00
1.25	0.	0.	0.	0.	4.688E 00	5.111E 00	5.502E 00	5.867E 00	6.210E 00	6.536E 00
1.50	0.	0.	0.	0.	0.	5.671E 00	6.104E 00	6.508E 00	6.888E 00	7.249E 00
1.75	0.	0.	0.	0.	0.	0.	6.677E 00	7.119E 00	7.534E 00	7.928E 00
2.00	0.	0.	0.	0.	0.	0.	0.	7.705E 00	8.155E 00	8.580E 00
2.25	0.	0.	0.	0.	0.	0.	0.	8.271E 00	8.753E 00	9.210E 00
2.50	0.	0.	0.	0.	0.	0.	0.	0.	9.334E 00	9.821E 00
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.042E 01

TIME VERSUS ETA

DELTA = 0.50 ALPHA = 0.40 PSI = 0.04

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.023E 00	1.393E 00	1.684E 00	1.932E 00	2.151E 00	2.350E 00	2.534E 00	2.705E 00	2.866E 00	3.018E 00
0.50	0.	1.883E 00	2.271E 00	2.601E 00	2.894E 00	3.160E 00	3.405E 00	3.634E 00	3.849E 00	4.053E 00
0.75	0.	0.	2.782E 00	3.184E 00	3.541E 00	3.865E 00	4.164E 00	4.442E 00	4.705E 00	4.953E 00
1.00	0.	0.	0.	3.714E 00	4.128E 00	4.504E 00	4.851E 00	5.175E 00	5.480E 00	5.768E 00
1.25	0.	0.	0.	0.	4.673E 00	5.097E 00	5.489E 00	5.855E 00	6.199E 00	6.525E 00
1.50	0.	0.	0.	0.	0.	5.657E 00	6.091E 00	6.496E 00	6.877E 00	7.238E 00
1.75	0.	0.	0.	0.	0.	0.	6.664E 00	7.107E 00	7.523E 00	7.917E 00
2.00	0.	0.	0.	0.	0.	0.	0.	7.693E 00	8.143E 00	8.569E 00
2.25	0.	0.	0.	0.	0.	0.	0.	8.259E 00	8.742E 00	9.199E 00
2.50	0.	0.	0.	0.	0.	0.	0.	0.	9.322E 00	9.810E 00
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.040E 01

TIME VERSUS ETA

DELTA = 0.75 ALPHA = 0.40 PSI = 0.04

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	9.977E-01	1.375E 00	1.669E 00	1.919E 00	2.140E 00	2.340E 00	2.524E 00	2.695E 00	2.857E 00	3.009E 00
0.50	0.	1.863E 00	2.254E 00	2.587E 00	2.881E 00	3.148E 00	3.394E 00	3.624E 00	3.840E 00	4.044E 00
0.75	0.	0.	2.764E 00	3.169E 00	3.527E 00	3.852E 00	4.152E 00	4.431E 00	4.694E 00	4.943E 00
1.00	0.	0.	0.	3.697E 00	4.113E 00	4.491E 00	4.839E 00	5.163E 00	5.469E 00	5.758E 00
1.25	0.	0.	0.	0.	4.658E 00	5.084E 00	5.477E 00	5.843E 00	6.188E 00	6.514E 00
1.50	0.	0.	0.	0.	0.	5.643E 00	6.078E 00	6.484E 00	6.866E 00	7.227E 00
1.75	0.	0.	0.	0.	0.	0.	6.651E 00	7.094E 00	7.511E 00	7.906E 00
2.00	0.	0.	0.	0.	0.	0.	0.	7.680E 00	8.131E 00	8.558E 00
2.25	0.	0.	0.	0.	0.	0.	0.	8.246E 00	8.730E 00	9.188E 00
2.50	0.	0.	0.	0.	0.	0.	0.	0.	9.310E 00	9.798E 00
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.039E 01

TIME VERSUS ETA

DELTA = 1.00 ALPHA = 0.40 PSI = 0.04

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	9.723E-01	1.357E 00	1.654E 00	1.906E 00	2.128E 00	2.329E 00	2.514E 00	2.686E 00	2.848E 00	3.001E 00
0.50	0.	1.842E 00	2.237E 00	2.572E 00	2.868E 00	3.136E 00	3.383E 00	3.613E 00	3.830E 00	4.034E 00
0.75	0.	0.	2.746E 00	3.153E 00	3.513E 00	3.839E 00	4.140E 00	4.420E 00	4.684E 00	4.933E 00
1.00	0.	0.	0.	3.681E 00	4.099E 00	4.477E 00	4.826E 00	5.152E 00	5.458E 00	5.748E 00
1.25	0.	0.	0.	0.	4.643E 00	5.070E 00	5.464E 00	5.831E 00	6.177E 00	6.504E 00
1.50	0.	0.	0.	0.	0.	5.629E 00	6.065E 00	6.472E 00	6.854E 00	7.216E 00
1.75	0.	0.	0.	0.	0.	0.	6.638E 00	7.082E 00	7.500E 00	7.895E 00
2.00	0.	0.	0.	0.	0.	0.	0.	7.668E 00	8.119E 00	8.547E 00
2.25	0.	0.	0.	0.	0.	0.	0.	8.234E 00	8.718E 00	9.177E 00
2.50	0.	0.	0.	0.	0.	0.	0.	0.	9.299E 00	9.787E 00
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.038E 01

TIME VERSUS ETA

DELTA = 0. ALPHA = 0.60 PSI = 0.04

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.207E 00	1.436E 00	1.633E 00	1.808E 00	1.968E 00	2.116E 00	2.254E 00	2.384E 00	2.508E 00
0.50	0.	0.	1.944E 00	2.209E 00	2.446E 00	2.662E 00	2.862E 00	3.048E 00	3.224E 00	3.391E 00
0.75	0.	0.	0.	0.	3.006E 00	3.271E 00	3.516E 00	3.745E 00	3.960E 00	4.165E 00
1.00	0.	0.	0.	0.	0.	3.828E 00	4.114E 00	4.381E 00	4.633E 00	4.872E 00
1.25	0.	0.	0.	0.	0.	0.	4.673E 00	4.976E 00	5.262E 00	5.533E 00
1.50	0.	0.	0.	0.	0.	0.	0.	5.540E 00	5.859E 00	6.160E 00
1.75	0.	0.	0.	0.	0.	0.	0.	0.	6.430E 00	6.761E 00

TIME VERSUS ETA

DELTA = 0.25 ALPHA = 0.60 PSI = 0.04

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.186E 00	1.418E 00	1.617E 00	1.794E 00	1.955E 00	2.104E 00	2.243E 00	2.374E 00	2.498E 00
0.50	0.	0.	1.924E 00	2.192E 00	2.431E 00	2.648E 00	2.848E 00	3.036E 00	3.212E 00	3.379E 00
0.75	0.	0.	0.	0.	2.990E 00	3.256E 00	3.502E 00	3.732E 00	3.948E 00	4.153E 00
1.00	0.	0.	0.	0.	0.	3.812E 00	4.099E 00	4.368E 00	4.620E 00	4.860E 00
1.25	0.	0.	0.	0.	0.	0.	4.658E 00	4.962E 00	5.249E 00	5.521E 00
1.50	0.	0.	0.	0.	0.	0.	0.	5.526E 00	5.845E 00	6.147E 00
1.75	0.	0.	0.	0.	0.	0.	0.	0.	6.416E 00	6.748E 00

TIME VERSUS ETA

DELTA = 0.50 ALPHA = 0.60 PSI = 0.04

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.165E 00	1.400E 00	1.602E 00	1.780E 00	1.943E 00	2.092E 00	2.232E 00	2.363E 00	2.488E 00
0.50	0.	0.	1.905E 00	2.175E 00	2.415E 00	2.633E 00	2.835E 00	3.023E 00	3.200E 00	3.368E 00
0.75	0.	0.	0.	0.	2.973E 00	3.241E 00	3.488E 00	3.718E 00	3.935E 00	4.141E 00
1.00	0.	0.	0.	0.	0.	3.796E 00	4.085E 00	4.354E 00	4.607E 00	4.848E 00
1.25	0.	0.	0.	0.	0.	0.	4.643E 00	4.948E 00	5.236E 00	5.508E 00
1.50	0.	0.	0.	0.	0.	0.	0.	5.512E 00	5.832E 00	6.135E 00
1.75	0.	0.	0.	0.	0.	0.	0.	0.	6.402E 00	6.735E 00

TIME VERSUS ETA

DELTA = 0.75 ALPHA = 0.60 PSI = 0.04

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.143E 00	1.383E 00	1.586E 00	1.766E 00	1.930E 00	2.080E 00	2.221E 00	2.353E 00	2.478E 00
0.50	0.	0.	1.885E 00	2.157E 00	2.399E 00	2.619E 00	2.822E 00	3.011E 00	3.189E 00	3.357E 00
0.75	0.	0.	0.	0.	2.957E 00	3.225E 00	3.474E 00	3.705E 00	3.923E 00	4.129E 00
1.00	0.	0.	0.	0.	0.	3.780E 00	4.070E 00	4.340E 00	4.594E 00	4.835E 00
1.25	0.	0.	0.	0.	0.	0.	4.628E 00	4.934E 00	5.222E 00	5.495E 00
1.50	0.	0.	0.	0.	0.	0.	0.	5.497E 00	5.818E 00	6.122E 00
1.75	0.	0.	0.	0.	0.	0.	0.	0.	6.389E 00	6.722E 00

TIME VERSUS ETA

DELTA = 1.00 ALPHA = 0.60 PSI = 0.04

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.121E 00	1.364E 00	1.570E 00	1.752E 00	1.917E 00	2.068E 00	2.209E 00	2.342E 00	2.468E 00
0.50	0.	0.	1.864E 00	2.140E 00	2.383E 00	2.605E 00	2.808E 00	2.998E 00	3.177E 00	3.346E 00
0.75	0.	0.	0.	0.	2.940E 00	3.210E 00	3.459E 00	3.692E 00	3.910E 00	4.117E 00
1.00	0.	0.	0.	0.	0.	3.765E 00	4.055E 00	4.326E 00	4.581E 00	4.823E 00
1.25	0.	0.	0.	0.	0.	0.	4.613E 00	4.920E 00	5.209E 00	5.483E 00
1.50	0.	0.	0.	0.	0.	0.	0.	5.483E 00	5.804E 00	6.109E 00
1.75	0.	0.	0.	0.	0.	0.	0.	0.	6.375E 00	6.708E 00

TIME VERSUS ETA

DELTA = 0. ALPHA = 0.80 PSI = 0.04

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.079E 00	1.274E 00	1.442E 00	1.593E 00	1.731E 00	1.859E 00	1.978E 00	2.091E 00	2.198E 00
0.50	0.	0.	0.	1.964E 00	2.170E 00	2.357E 00	2.530E 00	2.693E 00	2.846E 00	2.991E 00
0.75	0.	0.	0.	0.	0.	2.910E 00	3.124E 00	3.325E 00	3.514E 00	3.693E 00
1.00	0.	0.	0.	0.	0.	0.	3.671E 00	3.906E 00	4.128E 00	4.338E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	4.705E 00	4.944E 00
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.522E 00

TIME VERSUS ETA

DELTA = 0.25 ALPHA = 0.80 PSI = 0.04

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.056E 00	1.254E 00	1.425E 00	1.578E 00	1.717E 00	1.845E 00	1.966E 00	2.079E 00	2.186E 00
0.50	0.	0.	0.	1.945E 00	2.152E 00	2.341E 00	2.515E 00	2.679E 00	2.833E 00	2.978E 00
0.75	0.	0.	0.	0.	0.	2.893E 00	3.109E 00	3.310E 00	3.500E 00	3.679E 00
1.00	0.	0.	0.	0.	0.	0.	3.654E 00	3.890E 00	4.113E 00	4.324E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	4.690E 00	4.930E 00
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.508E 00

TIME VERSUS ETA

DELTA = 0.50 ALPHA = 0.80 PSI = 0.04

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.032E 00	1.234E 00	1.408E 00	1.562E 00	1.702E 00	1.832E 00	1.953E 00	2.067E 00	2.175E 00
0.50	0.	0.	0.	1.926E 00	2.134E 00	2.325E 00	2.500E 00	2.665E 00	2.819E 00	2.966E 00
0.75	0.	0.	0.	0.	0.	2.876E 00	3.093E 00	3.295E 00	3.485E 00	3.666E 00
1.00	0.	0.	0.	0.	0.	0.	3.638E 00	3.875E 00	4.098E 00	4.310E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	4.675E 00	4.916E 00
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.493E 00

TIME VERSUS ETA

DELTA = 0.75 ALPHA = 0.80 PSI = 0.04

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.007E 00	1.214E 00	1.390E 00	1.546E 00	1.687E 00	1.818E 00	1.940E 00	2.055E 00	2.163E 00
0.50	0.	0.	0.	1.906E 00	2.117E 00	2.308E 00	2.485E 00	2.650E 00	2.806E 00	2.953E 00
0.75	0.	0.	0.	0.	0.	2.859E 00	3.077E 00	3.280E 00	3.471E 00	3.652E 00
1.00	0.	0.	0.	0.	0.	0.	3.621E 00	3.859E 00	4.084E 00	4.296E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	4.660E 00	4.902E 00
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.479E 00

TIME VERSUS ETA

DELTA = 1.00 ALPHA = 0.80 PSI = 0.04

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	9.823E-01	1.193E 00	1.372E 00	1.530E 00	1.673E 00	1.804E 00	1.927E 00	2.043E 00	2.152E 00
0.50	0.	0.	0.	1.886E 00	2.099E 00	2.292E 00	2.470E 00	2.636E 00	2.792E 00	2.940E 00
0.75	0.	0.	0.	0.	0.	2.842E 00	3.060E 00	3.265E 00	3.457E 00	3.639E 00
1.00	0.	0.	0.	0.	0.	0.	3.605E 00	3.844E 00	4.069E 00	4.282E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	4.645E 00	4.887E 00
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.464E 00

TIME VERSUS ETA

DELTA = 0. ALPHA = 1.00 PSI = 0.04

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	9.941E-01	1.166E 00	1.315E 00	1.449E 00	1.572E 00	1.686E 00	1.792E 00	1.893E 00	1.988E 00
0.50	0.	0.	0.	0.	1.984E 00	2.152E 00	2.308E 00	2.454E 00	2.592E 00	2.722E 00
0.75	0.	0.	0.	0.	0.	0.	2.862E 00	3.043E 00	3.214E 00	3.376E 00
1.00	0.	0.	0.	0.	0.	0.	0.	0.	3.789E 00	3.981E 00

TIME VERSUS ETA

DELTA = 0.25 ALPHA = 1.00 PSI = 0.04

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	1.144E 00	1.296E 00	1.432E 00	1.556E 00	1.671E 00	1.778E 00	1.880E 00	1.976E 00
0.50	0.	0.	0.	0.	1.965E 00	2.135E 00	2.292E 00	2.439E 00	2.577E 00	2.709E 00
0.75	0.	0.	0.	0.	0.	0.	2.845E 00	3.027E 00	3.199E 00	3.362E 00
1.00	0.	0.	0.	0.	0.	0.	0.	0.	3.773E 00	3.965E 00

TIME VERSUS ETA

DELTA = 0.50 ALPHA = 1.00 PSI = 0.04

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	1.122E 00	1.277E 00	1.414E 00	1.540E 00	1.656E 00	1.764E 00	1.866E 00	1.963E 00
0.50	0.	0.	0.	0.	1.946E 00	2.117E 00	2.275E 00	2.423E 00	2.562E 00	2.695E 00
0.75	0.	0.	0.	0.	0.	0.	2.828E 00	3.011E 00	3.183E 00	3.347E 00
1.00	0.	0.	0.	0.	0.	0.	0.	0.	3.757E 00	3.950E 00

TIME VERSUS ETA

DELTA = 0.75 ALPHA = 1.00 PSI = 0.04

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	1.100E 00	1.257E 00	1.397E 00	1.524E 00	1.641E 00	1.750E 00	1.853E 00	1.950E 00
0.50	0.	0.	0.	0.	1.926E 00	2.099E 00	2.258E 00	2.407E 00	2.548E 00	2.681E 00
0.75	0.	0.	0.	0.	0.	0.	2.810E 00	2.994E 00	3.168E 00	3.332E 00
1.00	0.	0.	0.	0.	0.	0.	0.	0.	3.741E 00	3.935E 00

TIME VERSUS ETA

DELTA = 1.00 ALPHA = 1.00 PSI = 0.04

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	1.077E 00	1.237E 00	1.379E 00	1.507E 00	1.626E 00	1.736E 00	1.839E 00	1.938E 00
0.50	0.	0.	0.	0.	1.907E 00	2.081E 00	2.242E 00	2.392E 00	2.533E 00	2.666E 00
0.75	0.	0.	0.	0.	0.	0.	2.792E 00	2.977E 00	3.152E 00	3.317E 00
1.00	0.	0.	0.	0.	0.	0.	0.	0.	3.725E 00	3.919E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

TIME VERSUS ETA

DELTA = 0. ALPHA = 0.20 PSI = 0.06

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.422E 00	1.948E 00	2.359E 00	2.708E 00	3.018E 00	3.298E 00	3.556E 00	3.797E 00	4.024E 00	4.238E 00
0.50	1.902E 00	2.598E 00	3.144E 00	3.608E 00	4.018E 00	4.391E 00	4.734E 00	5.054E 00	5.355E 00	5.640E 00
0.75	0.	3.158E 00	3.818E 00	4.380E 00	4.878E 00	5.329E 00	5.745E 00	6.133E 00	6.498E 00	6.843E 00
1.00	0.	3.661E 00	4.424E 00	5.073E 00	5.648E 00	6.170E 00	6.651E 00	7.099E 00	7.521E 00	7.921E 00
1.25	0.	0.	4.981E 00	5.710E 00	6.357E 00	6.943E 00	7.483E 00	7.987E 00	8.462E 00	8.910E 00
1.50	0.	0.	5.502E 00	6.306E 00	7.018E 00	7.665E 00	8.261E 00	8.817E 00	9.340E 00	9.835E 00
1.75	0.	0.	0.	6.869E 00	7.644E 00	8.347E 00	8.996E 00	9.600E 00	1.017E 01	1.071E 01
2.00	0.	0.	0.	7.406E 00	8.240E 00	8.997E 00	9.696E 00	1.035E 01	1.096E 01	1.154E 01
2.25	0.	0.	0.	0.	8.813E 00	9.621E 00	1.037E 01	1.106E 01	1.172E 01	1.234E 01
2.50	0.	0.	0.	0.	9.364E 00	1.022E 01	1.101E 01	1.175E 01	1.245E 01	1.311E 01
2.75	0.	0.	0.	0.	0.	1.080E 01	1.164E 01	1.242E 01	1.315E 01	1.385E 01
3.00	0.	0.	0.	0.	0.	1.137E 01	1.225E 01	1.307E 01	1.384E 01	1.457E 01
3.25	0.	0.	0.	0.	0.	1.192E 01	1.284E 01	1.370E 01	1.451E 01	1.528E 01
3.50	0.	0.	0.	0.	0.	0.	1.342E 01	1.432E 01	1.516E 01	1.596E 01
3.75	0.	0.	0.	0.	0.	0.	1.399E 01	1.492E 01	1.580E 01	1.663E 01
4.00	0.	0.	0.	0.	0.	0.	0.	1.551E 01	1.643E 01	1.729E 01
4.25	0.	0.	0.	0.	0.	0.	0.	1.609E 01	1.704E 01	1.794E 01
4.50	0.	0.	0.	0.	0.	0.	0.	1.667E 01	1.765E 01	1.857E 01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	1.824E 01	1.920E 01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	1.883E 01	1.981E 01

TIME VERSUS ETA

DELTA = 0.25 ALPHA = 0.20 PSI = 0.06

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.404E 00	1.935E 00	2.348E 00	2.699E 00	3.009E 00	3.290E 00	3.549E 00	3.791E 00	4.017E 00	4.232E 00
0.50	1.882E 00	2.583E 00	3.132E 00	3.597E 00	4.009E 00	4.382E 00	4.726E 00	5.047E 00	5.348E 00	5.634E 00
0.75	0.	3.142E 00	3.805E 00	4.369E 00	4.868E 00	5.320E 00	5.737E 00	6.125E 00	6.490E 00	6.836E 00
1.00	0.	3.645E 00	4.410E 00	5.061E 00	5.638E 00	6.160E 00	6.642E 00	7.091E 00	7.513E 00	7.913E 00
1.25	0.	0.	4.967E 00	5.698E 00	6.346E 00	6.933E 00	7.474E 00	7.979E 00	8.453E 00	8.903E 00
1.50	0.	0.	5.488E 00	6.294E 00	7.007E 00	7.655E 00	8.252E 00	8.808E 00	9.331E 00	9.827E 00
1.75	0.	0.	0.	6.857E 00	7.633E 00	8.337E 00	8.986E 00	9.591E 00	1.016E 01	1.070E 01
2.00	0.	0.	0.	7.394E 00	8.229E 00	8.987E 00	9.686E 00	1.034E 01	1.095E 01	1.153E 01
2.25	0.	0.	0.	0.	8.801E 00	9.611E 00	1.036E 01	1.105E 01	1.171E 01	1.233E 01
2.50	0.	0.	0.	0.	9.353E 00	1.021E 01	1.100E 01	1.174E 01	1.244E 01	1.310E 01
2.75	0.	0.	0.	0.	0.	1.079E 01	1.163E 01	1.241E 01	1.315E 01	1.384E 01
3.00	0.	0.	0.	0.	0.	1.136E 01	1.224E 01	1.306E 01	1.383E 01	1.456E 01
3.25	0.	0.	0.	0.	0.	1.191E 01	1.283E 01	1.369E 01	1.450E 01	1.527E 01
3.50	0.	0.	0.	0.	0.	0.	1.341E 01	1.431E 01	1.515E 01	1.595E 01
3.75	0.	0.	0.	0.	0.	0.	1.398E 01	1.491E 01	1.579E 01	1.663E 01
4.00	0.	0.	0.	0.	0.	0.	0.	1.550E 01	1.642E 01	1.728E 01
4.25	0.	0.	0.	0.	0.	0.	0.	1.608E 01	1.703E 01	1.793E 01
4.50	0.	0.	0.	0.	0.	0.	0.	1.666E 01	1.764E 01	1.857E 01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	1.823E 01	1.919E 01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	1.882E 01	1.981E 01

TIME VERSUS ETA

DELTA = 0.50 ALPHA = 0.20 PSI = 0.06

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.386E 00	1.922E 00	2.337E 00	2.690E 00	3.001E 00	3.283E 00	3.542E 00	3.784E 00	4.011E 00	4.226E 00
0.50	1.861E 00	2.569E 00	3.119E 00	3.587E 00	4.000E 00	4.374E 00	4.718E 00	5.039E 00	5.341E 00	5.627E 00
0.75	0.	3.126E 00	3.792E 00	4.358E 00	4.858E 00	5.311E 00	5.728E 00	6.117E 00	6.483E 00	6.829E 00
1.00	0.	3.628E 00	4.397E 00	5.050E 00	5.627E 00	6.151E 00	6.633E 00	7.083E 00	7.505E 00	7.906E 00
1.25	0.	0.	4.953E 00	5.686E 00	6.335E 00	6.923E 00	7.465E 00	7.970E 00	8.445E 00	8.895E 00
1.50	0.	0.	5.474E 00	6.281E 00	6.996E 00	7.645E 00	8.242E 00	8.799E 00	9.323E 00	9.819E 00
1.75	0.	0.	0.	6.844E 00	7.622E 00	8.327E 00	8.976E 00	9.582E 00	1.015E 01	1.069E 01
2.00	0.	0.	0.	7.381E 00	8.218E 00	8.977E 00	9.676E 00	1.033E 01	1.094E 01	1.152E 01
2.25	0.	0.	0.	0.	8.790E 00	9.600E 00	1.035E 01	1.104E 01	1.170E 01	1.232E 01
2.50	0.	0.	0.	0.	9.341E 00	1.020E 01	1.099E 01	1.173E 01	1.243E 01	1.309E 01
2.75	0.	0.	0.	0.	0.	1.078E 01	1.162E 01	1.240E 01	1.314E 01	1.383E 01
3.00	0.	0.	0.	0.	0.	1.135E 01	1.223E 01	1.305E 01	1.382E 01	1.455E 01
3.25	0.	0.	0.	0.	0.	1.190E 01	1.282E 01	1.368E 01	1.449E 01	1.526E 01
3.50	0.	0.	0.	0.	0.	0.	1.340E 01	1.430E 01	1.514E 01	1.595E 01
3.75	0.	0.	0.	0.	0.	0.	1.397E 01	1.490E 01	1.578E 01	1.662E 01
4.00	0.	0.	0.	0.	0.	0.	0.	1.549E 01	1.641E 01	1.728E 01
4.25	0.	0.	0.	0.	0.	0.	0.	1.608E 01	1.702E 01	1.792E 01
4.50	0.	0.	0.	0.	0.	0.	0.	1.665E 01	1.763E 01	1.856E 01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	1.822E 01	1.918E 01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	1.881E 01	1.980E 01

TIME VERSUS ETA

DELTA = 0.75 ALPHA = 0.20 PSI = 0.06

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.368E 00	1.909E 00	2.327E 00	2.680E 00	2.993E 00	3.275E 00	3.535E 00	3.777E 00	4.005E 00	4.220E 00
0.50	1.841E 00	2.554E 00	3.107E 00	3.576E 00	3.990E 00	4.365E 00	4.710E 00	5.032E 00	5.334E 00	5.620E 00
0.75	0.	3.111E 00	3.779E 00	4.346E 00	4.847E 00	5.301E 00	5.719E 00	6.109E 00	6.475E 00	6.822E 00
1.00	0.	3.612E 00	4.383E 00	5.038E 00	5.617E 00	6.141E 00	6.624E 00	7.074E 00	7.498E 00	7.898E 00
1.25	0.	0.	4.939E 00	5.674E 00	6.324E 00	6.913E 00	7.456E 00	7.962E 00	8.437E 00	8.887E 00
1.50	0.	0.	5.459E 00	6.269E 00	6.985E 00	7.634E 00	8.233E 00	8.790E 00	9.315E 00	9.811E 00
1.75	0.	0.	0.	6.832E 00	7.610E 00	8.316E 00	8.967E 00	9.573E 00	1.014E 01	1.068E 01
2.00	0.	0.	0.	7.368E 00	8.206E 00	8.966E 00	9.667E 00	1.032E 01	1.093E 01	1.151E 01
2.25	0.	0.	0.	0.	8.778E 00	9.590E 00	1.034E 01	1.104E 01	1.169E 01	1.231E 01
2.50	0.	0.	0.	0.	9.330E 00	1.019E 01	1.098E 01	1.173E 01	1.242E 01	1.308E 01
2.75	0.	0.	0.	0.	0.	1.077E 01	1.161E 01	1.239E 01	1.313E 01	1.382E 01
3.00	0.	0.	0.	0.	0.	1.134E 01	1.222E 01	1.304E 01	1.381E 01	1.455E 01
3.25	0.	0.	0.	0.	0.	1.189E 01	1.281E 01	1.367E 01	1.448E 01	1.525E 01
3.50	0.	0.	0.	0.	0.	0.	1.339E 01	1.429E 01	1.514E 01	1.594E 01
3.75	0.	0.	0.	0.	0.	0.	1.396E 01	1.489E 01	1.577E 01	1.661E 01
4.00	0.	0.	0.	0.	0.	0.	0.	1.549E 01	1.640E 01	1.727E 01
4.25	0.	0.	0.	0.	0.	0.	0.	1.607E 01	1.701E 01	1.791E 01
4.50	0.	0.	0.	0.	0.	0.	0.	1.664E 01	1.762E 01	1.855E 01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	1.821E 01	1.917E 01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	1.880E 01	1.979E 01

TIME VERSUS ETA

DELTA = 1.00 ALPHA = 0.20 PSI = 0.06

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.350E 00	1.895E 00	2.316E 00	2.671E 00	2.984E 00	3.267E 00	3.528E 00	3.771E 00	3.999E 00	4.214E 00
0.50	1.820E 00	2.539E 00	3.095E 00	3.565E 00	3.981E 00	4.356E 00	4.702E 00	5.024E 00	5.327E 00	5.613E 00
0.75	0.	3.095E 00	3.766E 00	4.335E 00	4.837E 00	5.292E 00	5.711E 00	6.101E 00	6.467E 00	6.814E 00
1.00	0.	3.595E 00	4.369E 00	5.026E 00	5.606E 00	6.131E 00	6.615E 00	7.066E 00	7.490E 00	7.891E 00
1.25	0.	0.	4.925E 00	5.662E 00	6.313E 00	6.903E 00	7.446E 00	7.953E 00	8.429E 00	8.879E 00
1.50	0.	0.	5.445E 00	6.256E 00	6.974E 00	7.624E 00	8.223E 00	8.781E 00	9.306E 00	9.803E 00
1.75	0.	0.	0.	6.819E 00	7.599E 00	8.306E 00	8.957E 00	9.564E 00	1.014E 01	1.068E 01
2.00	0.	0.	0.	7.355E 00	8.195E 00	8.956E 00	9.657E 00	1.031E 01	1.092E 01	1.151E 01
2.25	0.	0.	0.	0.	8.766E 00	9.579E 00	1.033E 01	1.103E 01	1.168E 01	1.230E 01
2.50	0.	0.	0.	0.	9.318E 00	1.018E 01	1.097E 01	1.172E 01	1.241E 01	1.307E 01
2.75	0.	0.	0.	0.	0.	1.076E 01	1.160E 01	1.238E 01	1.312E 01	1.382E 01
3.00	0.	0.	0.	0.	0.	1.133E 01	1.221E 01	1.303E 01	1.381E 01	1.454E 01
3.25	0.	0.	0.	0.	0.	1.188E 01	1.280E 01	1.366E 01	1.447E 01	1.524E 01
3.50	0.	0.	0.	0.	0.	0.	1.338E 01	1.428E 01	1.513E 01	1.593E 01
3.75	0.	0.	0.	0.	0.	0.	1.395E 01	1.488E 01	1.577E 01	1.660E 01
4.00	0.	0.	0.	0.	0.	0.	0.	1.548E 01	1.639E 01	1.726E 01
4.25	0.	0.	0.	0.	0.	0.	0.	1.606E 01	1.701E 01	1.790E 01
4.50	0.	0.	0.	0.	0.	0.	0.	1.663E 01	1.761E 01	1.854E 01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	1.820E 01	1.916E 01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	1.879E 01	1.978E 01

TIME VERSUS ETA

DELTA = 0. ALPHA = 0.40 PSI = 0.06

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.071E 00	1.429E 00	1.714E 00	1.958E 00	2.175E 00	2.372E 00	2.554E 00	2.724E 00	2.884E 00	3.035E 00
0.50	0.	1.924E 00	2.305E 00	2.632E 00	2.922E 00	3.186E 00	3.430E 00	3.657E 00	3.871E 00	4.074E 00
0.75	0.	0.	2.820E 00	3.218E 00	3.572E 00	3.894E 00	4.191E 00	4.468E 00	4.729E 00	4.977E 00
1.00	0.	0.	0.	3.750E 00	4.161E 00	4.535E 00	4.881E 00	5.204E 00	5.507E 00	5.795E 00
1.25	0.	0.	0.	0.	4.708E 00	5.131E 00	5.521E 00	5.886E 00	6.229E 00	6.555E 00
1.50	0.	0.	0.	0.	0.	5.693E 00	6.126E 00	6.529E 00	6.910E 00	7.270E 00
1.75	0.	0.	0.	0.	0.	0.	6.701E 00	7.143E 00	7.558E 00	7.952E 00
2.00	0.	0.	0.	0.	0.	0.	0.	7.731E 00	8.181E 00	8.607E 00
2.25	0.	0.	0.	0.	0.	0.	0.	8.300E 00	8.782E 00	9.239E 00
2.50	0.	0.	0.	0.	0.	0.	0.	0.	9.365E 00	9.852E 00
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.045E 01

TIME VERSUS ETA

DELTA = 0.25 ALPHA = 0.40 PSI = 0.06

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.047E 00	1.412E 00	1.700E 00	1.945E 00	2.164E 00	2.362E 00	2.544E 00	2.715E 00	2.875E 00	3.027E 00
0.50	0.	1.904E 00	2.289E 00	2.617E 00	2.909E 00	3.174E 00	3.419E 00	3.647E 00	3.861E 00	4.065E 00
0.75	0.	0.	2.802E 00	3.202E 00	3.558E 00	3.881E 00	4.179E 00	4.457E 00	4.719E 00	4.967E 00
1.00	0.	0.	0.	3.734E 00	4.147E 00	4.522E 00	4.869E 00	5.192E 00	5.496E 00	5.785E 00
1.25	0.	0.	0.	0.	4.694E 00	5.118E 00	5.509E 00	5.874E 00	6.218E 00	6.544E 00
1.50	0.	0.	0.	0.	0.	5.679E 00	6.113E 00	6.517E 00	6.899E 00	7.260E 00
1.75	0.	0.	0.	0.	0.	0.	6.688E 00	7.130E 00	7.547E 00	7.941E 00
2.00	0.	0.	0.	0.	0.	0.	0.	7.719E 00	8.169E 00	8.596E 00
2.25	0.	0.	0.	0.	0.	0.	0.	8.287E 00	8.770E 00	9.228E 00
2.50	0.	0.	0.	0.	0.	0.	0.	0.	9.354E 00	9.841E 00
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.044E 01

TIME VERSUS ETA

DELTA = 0.50 ALPHA = 0.40 PSI = 0.06

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.023E 00	1.394E 00	1.685E 00	1.933E 00	2.152E 00	2.351E 00	2.534E 00	2.705E 00	2.866E 00	3.019E 00
0.50	0.	1.884E 00	2.272E 00	2.603E 00	2.896E 00	3.162E 00	3.407E 00	3.636E 00	3.852E 00	4.055E 00
0.75	0.	0.	2.785E 00	3.187E 00	3.544E 00	3.868E 00	4.167E 00	4.446E 00	4.709E 00	4.957E 00
1.00	0.	0.	0.	3.718E 00	4.132E 00	4.509E 00	4.856E 00	5.180E 00	5.486E 00	5.775E 00
1.25	0.	0.	0.	0.	4.679E 00	5.104E 00	5.496E 00	5.862E 00	6.207E 00	6.533E 00
1.50	0.	0.	0.	0.	0.	5.665E 00	6.100E 00	6.505E 00	6.887E 00	7.249E 00
1.75	0.	0.	0.	0.	0.	0.	6.675E 00	7.118E 00	7.535E 00	7.930E 00
2.00	0.	0.	0.	0.	0.	0.	0.	7.707E 00	8.157E 00	8.585E 00
2.25	0.	0.	0.	0.	0.	0.	0.	8.275E 00	8.759E 00	9.217E 00
2.50	0.	0.	0.	0.	0.	0.	0.	0.	9.342E 00	9.830E 00
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.043E 01

TIME VERSUS ETA

DELTA = 0.75 ALPHA = 0.40 PSI = 0.06

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	9.980E-01	1.376E 00	1.670E 00	1.920E 00	2.140E 00	2.340E 00	2.524E 00	2.696E 00	2.857E 00	3.010E 00
0.50	0.	1.864E 00	2.255E 00	2.588E 00	2.883E 00	3.150E 00	3.396E 00	3.626E 00	3.842E 00	4.046E 00
0.75	0.	0.	2.767E 00	3.171E 00	3.530E 00	3.855E 00	4.155E 00	4.435E 00	4.698E 00	4.947E 00
1.00	0.	0.	0.	3.701E 00	4.118E 00	4.495E 00	4.844E 00	5.169E 00	5.475E 00	5.764E 00
1.25	0.	0.	0.	0.	4.664E 00	5.090E 00	5.484E 00	5.851E 00	6.196E 00	6.523E 00
1.50	0.	0.	0.	0.	0.	5.651E 00	6.087E 00	6.493E 00	6.876E 00	7.238E 00
1.75	0.	0.	0.	0.	0.	0.	6.662E 00	7.106E 00	7.524E 00	7.919E 00
2.00	0.	0.	0.	0.	0.	0.	0.	7.694E 00	8.146E 00	8.574E 00
2.25	0.	0.	0.	0.	0.	0.	0.	8.262E 00	8.747E 00	9.206E 00
2.50	0.	0.	0.	0.	0.	0.	0.	0.	9.330E 00	9.819E 00
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.042E 01

TIME VERSUS ETA

DELTA = 1.00 ALPHA = 0.40 PSI = 0.06

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	9.725E-01	1.357E 00	1.655E 00	1.906E 00	2.129E 00	2.330E 00	2.515E 00	2.687E 00	2.849E 00	3.002E 00
0.50	0.	1.843E 00	2.238E 00	2.573E 00	2.870E 00	3.138E 00	3.385E 00	3.615E 00	3.832E 00	4.037E 00
0.75	0.	0.	2.749E 00	3.156E 00	3.516E 00	3.843E 00	4.143E 00	4.424E 00	4.688E 00	4.937E 00
1.00	0.	0.	0.	3.685E 00	4.103E 00	4.482E 00	4.832E 00	5.157E 00	5.464E 00	5.754E 00
1.25	0.	0.	0.	0.	4.649E 00	5.077E 00	5.471E 00	5.839E 00	6.185E 00	6.512E 00
1.50	0.	0.	0.	0.	0.	5.637E 00	6.074E 00	6.481E 00	6.864E 00	7.227E 00
1.75	0.	0.	0.	0.	0.	0.	6.649E 00	7.094E 00	7.512E 00	7.908E 00
2.00	0.	0.	0.	0.	0.	0.	0.	7.682E 00	8.134E 00	8.562E 00
2.25	0.	0.	0.	0.	0.	0.	0.	8.250E 00	8.735E 00	9.194E 00
2.50	0.	0.	0.	0.	0.	0.	0.	0.	9.318E 00	9.807E 00
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.040E 01

TIME VERSUS ETA

DELTA = 0. ALPHA = 0.60 PSI = 0.06

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.208E 00	1.436E 00	1.633E 00	1.809E 00	1.969E 00	2.117E 00	2.255E 00	2.385E 00	2.509E 00
0.50	0.	0.	1.946E 00	2.211E 00	2.448E 00	2.664E 00	2.864E 00	3.051E 00	3.227E 00	3.393E 00
0.75	0.	0.	0.	2.719E 00	3.010E 00	3.275E 00	3.520E 00	3.749E 00	3.965E 00	4.170E 00
1.00	0.	0.	0.	0.	0.	3.833E 00	4.120E 00	4.388E 00	4.640E 00	4.879E 00
1.25	0.	0.	0.	0.	0.	0.	4.681E 00	4.985E 00	5.271E 00	5.543E 00
1.50	0.	0.	0.	0.	0.	0.	0.	5.551E 00	5.870E 00	6.172E 00
1.75	0.	0.	0.	0.	0.	0.	0.	0.	6.444E 00	6.775E 00
2.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.357E 00

TIME VERSUS ETA

DELTA = 0.25 ALPHA = 0.60 PSI = 0.06

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.187E 00	1.419E 00	1.618E 00	1.795E 00	1.956E 00	2.105E 00	2.244E 00	2.375E 00	2.499E 00
0.50	0.	0.	1.926E 00	2.194E 00	2.433E 00	2.650E 00	2.851E 00	3.038E 00	3.215E 00	3.382E 00
0.75	0.	0.	0.	2.701E 00	2.993E 00	3.260E 00	3.506E 00	3.736E 00	3.953E 00	4.158E 00
1.00	0.	0.	0.	0.	0.	3.818E 00	4.105E 00	4.374E 00	4.627E 00	4.867E 00
1.25	0.	0.	0.	0.	0.	0.	4.666E 00	4.971E 00	5.258E 00	5.530E 00
1.50	0.	0.	0.	0.	0.	0.	0.	5.537E 00	5.857E 00	6.160E 00
1.75	0.	0.	0.	0.	0.	0.	0.	0.	6.430E 00	6.762E 00
2.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.344E 00

TIME VERSUS ETA

DELTA = 0.50 ALPHA = 0.60 PSI = 0.06

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.165E 00	1.401E 00	1.602E 00	1.781E 00	1.943E 00	2.093E 00	2.233E 00	2.364E 00	2.489E 00
0.50	0.	0.	1.906E 00	2.177E 00	2.417E 00	2.636E 00	2.837E 00	3.026E 00	3.203E 00	3.371E 00
0.75	0.	0.	0.	0.	2.977E 00	3.245E 00	3.492E 00	3.723E 00	3.940E 00	4.146E 00
1.00	0.	0.	0.	0.	0.	3.802E 00	4.091E 00	4.360E 00	4.614E 00	4.855E 00
1.25	0.	0.	0.	0.	0.	0.	4.651E 00	4.957E 00	5.245E 00	5.518E 00
1.50	0.	0.	0.	0.	0.	0.	0.	5.523E 00	5.843E 00	6.147E 00
1.75	0.	0.	0.	0.	0.	0.	0.	0.	6.416E 00	6.749E 00
2.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.331E 00

TIME VERSUS ETA

DELTA = 0.75 ALPHA = 0.60 PSI = 0.06

ETA	OMEGA 0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.144E 00	1.383E 00	1.587E 00	1.767E 00	1.93CE 00	2.081E 00	2.222E 00	2.354E 00	2.479E 00
0.50	0.	0.	1.886E 00	2.159E 00	2.401E 00	2.621E 00	2.824E 00	3.013E 00	3.191E 00	3.360E 00
0.75	0.	0.	0.	0.	2.960E 00	3.229E 00	3.478E 00	3.709E 00	3.928E 00	4.134E 00
1.00	0.	0.	0.	0.	0.	3.786E 00	4.076E 00	4.346E 00	4.601E 00	4.842E 00
1.25	0.	0.	0.	0.	0.	0.	4.636E 00	4.943E 00	5.231E 00	5.505E 00
1.50	0.	0.	0.	0.	0.	0.	0.	5.508E 00	5.829E 00	6.134E 00
1.75	0.	0.	0.	0.	0.	0.	0.	0.	6.403E 00	6.736E 00

TIME VERSUS ETA

DELTA = 1.00 ALPHA = 0.60 PSI = 0.06

ETA	OMEGA 0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.122E 00	1.365E 00	1.571E 00	1.753E 00	1.917E 00	2.069E 00	2.210E 00	2.343E 00	2.469E 00
0.50	0.	0.	1.866E 00	2.142E 00	2.385E 00	2.607E 00	2.811E 00	3.001E 00	3.179E 00	3.348E 00
0.75	0.	0.	0.	0.	2.943E 00	3.214E 00	3.463E 00	3.696E 00	3.915E 00	4.122E 00
1.00	0.	0.	0.	0.	0.	3.770E 00	4.061E 00	4.333E 00	4.588E 00	4.830E 00
1.25	0.	0.	0.	0.	0.	0.	4.621E 00	4.928E 00	5.218E 00	5.492E 00
1.50	0.	0.	0.	0.	0.	0.	0.	5.494E 00	5.816E 00	6.121E 00
1.75	0.	0.	0.	0.	0.	0.	0.	0.	6.389E 00	6.723E 00

TIME VERSUS ETA

DELTA = 0. ALPHA = 0.80 PSI = 0.06

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.080E 00	1.274E 00	1.443E 00	1.594E 00	1.732E 00	1.860E 00	1.979E 00	2.092E 00	2.199E 00
0.50	0.	0.	0.	1.966E 00	2.172E 00	2.359E 00	2.533E 00	2.696E 00	2.849E 00	2.994E 00
0.75	0.	0.	0.	0.	0.	2.915E 00	3.129E 00	3.330E 00	3.519E 00	3.698E 00
1.00	0.	0.	0.	0.	0.	0.	3.677E 00	3.913E 00	4.135E 00	4.346E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	4.715E 00	4.955E 00
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.535E 00

TIME VERSUS ETA

DELTA = 0.25 ALPHA = 0.80 PSI = 0.06

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.056E 00	1.255E 00	1.426E 00	1.578E 00	1.718E 00	1.846E 00	1.967E 00	2.080E 00	2.187E 00
0.50	0.	0.	0.	1.947E 00	2.154E 00	2.343E 00	2.518E 00	2.681E 00	2.835E 00	2.982E 00
0.75	0.	0.	0.	0.	0.	2.898E 00	3.113E 00	3.315E 00	3.505E 00	3.685E 00
1.00	0.	0.	0.	0.	0.	0.	3.661E 00	3.898E 00	4.121E 00	4.332E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	4.700E 00	4.941E 00
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.521E 00

TIME VERSUS ETA

DELTA = 0.50 ALPHA = 0.80 PSI = 0.06

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.032E 00	1.235E 00	1.408E 00	1.563E 00	1.703E 00	1.833E 00	1.954E 00	2.068E 00	2.176E 00
0.50	0.	0.	0.	1.928E 00	2.137E 00	2.327E 00	2.503E 00	2.667E 00	2.822E 00	2.969E 00
0.75	0.	0.	0.	0.	0.	2.880E 00	3.097E 00	3.300E 00	3.491E 00	3.671E 00
1.00	0.	0.	0.	0.	0.	0.	3.645E 00	3.882E 00	4.106E 00	4.318E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	4.685E 00	4.927E 00
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.506E 00

TIME VERSUS ETA

DELTA = 0.75 ALPHA = 0.80 PSI = 0.06

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.008E 00	1.214E 00	1.390E 00	1.547E 00	1.688E 00	1.819E 00	1.941E 00	2.056E 00	2.164E 00
0.50	0.	0.	0.	1.908E 00	2.119E 00	2.311E 00	2.488E 00	2.653E 00	2.809E 00	2.956E 00
0.75	0.	0.	0.	0.	0.	2.863E 00	3.081E 00	3.285E 00	3.476E 00	3.658E 00
1.00	0.	0.	0.	0.	0.	0.	3.628E 00	3.866E 00	4.091E 00	4.304E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	4.670E 00	4.912E 00
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.492E 00

TIME VERSUS ETA

DELTA = 1.00 ALPHA = 0.80 PSI = 0.06

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	9.827E-01	1.194E 00	1.372E 00	1.530E 00	1.673E 00	1.805E 00	1.928E 00	2.044E 00	2.153E 00
0.50	0.	0.	0.	1.888E 00	2.101E 00	2.294E 00	2.472E 00	2.639E 00	2.795E 00	2.943E 00
0.75	0.	0.	0.	0.	0.	2.846E 00	3.065E 00	3.270E 00	3.462E 00	3.644E 00
1.00	0.	0.	0.	0.	0.	0.	3.611E 00	3.851E 00	4.076E 00	4.290E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	4.655E 00	4.898E 00
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.477E 00

TIME VERSUS ETA

DELTA = 0. ALPHA = 1.00 PSI = 0.06

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	9.947E-01	1.166E 00	1.316E 00	1.450E 00	1.573E 00	1.687E 00	1.793E 00	1.894E 00	1.989E 00
0.50	0.	0.	0.	0.	1.987E 00	2.155E 00	2.311E 00	2.457E 00	2.595E 00	2.726E 00
0.75	0.	0.	0.	0.	0.	0.	2.867E 00	3.049E 00	3.220E 00	3.382E 00
1.00	0.	0.	0.	0.	0.	0.	0.	0.	3.797E 00	3.989E 00

TIME VERSUS ETA

DELTA = 0.25 ALPHA = 1.00 PSI = 0.06

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	9.694E-01	1.145E 00	1.297E 00	1.433E 00	1.557E 00	1.672E 00	1.779E 00	1.881E 00	1.977E 00
0.50	0.	0.	0.	0.	1.968E 00	2.137E 00	2.295E 00	2.442E 00	2.580E 00	2.712E 00
0.75	0.	0.	0.	0.	0.	0.	2.850E 00	3.032E 00	3.204E 00	3.367E 00
1.00	0.	0.	0.	0.	0.	0.	0.	0.	3.782E 00	3.974E 00

TIME VERSUS ETA

DELTA = 0.50 ALPHA = 1.00 PSI = 0.06

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	1.123E 00	1.277E 00	1.415E 00	1.541E 00	1.657E 00	1.765E 00	1.867E 00	1.964E 00
0.50	0.	0.	0.	0.	1.948E 00	2.120E 00	2.278E 00	2.426E 00	2.566E 00	2.698E 00
0.75	0.	0.	0.	0.	0.	0.	2.832E 00	3.016E 00	3.189E 00	3.353E 00
1.00	0.	0.	0.	0.	0.	0.	0.	0.	3.765E 00	3.959E 00

TIME VERSUS ETA

DELTA = 0.75 ALPHA = 1.00 PSI = 0.06

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	1.101E 00	1.258E 00	1.398E 00	1.525E 00	1.642E 00	1.751E 00	1.854E 00	1.952E 00
0.50	0.	0.	0.	0.	1.929E 00	2.102E 00	2.261E 00	2.410E 00	2.551E 00	2.684E 00
0.75	0.	0.	0.	0.	0.	0.	2.815E 00	2.999E 00	3.173E 00	3.338E 00
1.00	0.	0.	0.	0.	0.	0.	0.	0.	3.749E 00	3.943E 00

TIME VERSUS ETA

DELTA = 1.00 ALPHA = 1.00 PSI = 0.06

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	1.078E 00	1.238E 00	1.380E 00	1.508E 00	1.627E 00	1.737E 00	1.841E 00	1.939E 00
0.50	0.	0.	0.	0.	1.909E 00	2.083E 00	2.244E 00	2.395E 00	2.536E 00	2.670E 00
0.75	0.	0.	0.	0.	0.	0.	2.797E 00	2.983E 00	3.157E 00	3.323E 00
1.00	0.	0.	0.	0.	0.	0.	0.	0.	3.733E 00	3.928E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

TIME VERSUS ETA

DELTA = 0. ALPHA = 0.20 PSI = 0.10

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.422E 00	1.948E 00	2.359E 00	2.709E 00	3.018E 00	3.299E 00	3.557E 00	3.798E 00	4.025E 00	4.239E 00
0.50	1.903E 00	2.600E 00	3.146E 00	3.610E 00	4.021E 00	4.394E 00	4.737E 00	5.058E 00	5.359E 00	5.644E 00
0.75	0.	3.161E 00	3.822E 00	4.384E 00	4.883E 00	5.334E 00	5.751E 00	6.139E 00	6.504E 00	6.850E 00
1.00	0.	3.666E 00	4.429E 00	5.080E 00	5.655E 00	6.178E 00	6.659E 00	7.108E 00	7.531E 00	7.931E 00
1.25	0.	0.	4.989E 00	5.719E 00	6.366E 00	6.953E 00	7.495E 00	8.000E 00	8.474E 00	8.924E 00
1.50	0.	0.	5.512E 00	6.317E 00	7.031E 00	7.678E 00	8.275E 00	8.832E 00	9.356E 00	9.852E 00
1.75	0.	0.	0.	6.883E 00	7.659E 00	8.364E 00	9.013E 00	9.619E 00	1.019E 01	1.073E 01
2.00	0.	0.	0.	7.423E 00	8.259E 00	9.017E 00	9.717E 00	1.037E 01	1.098E 01	1.156E 01
2.25	0.	0.	0.	0.	8.834E 00	9.645E 00	1.039E 01	1.109E 01	1.175E 01	1.237E 01
2.50	0.	0.	0.	0.	9.389E 00	1.025E 01	1.104E 01	1.178E 01	1.248E 01	1.314E 01
2.75	0.	0.	0.	0.	9.926E 00	1.084E 01	1.167E 01	1.246E 01	1.319E 01	1.389E 01
3.00	0.	0.	0.	0.	0.	1.140E 01	1.229E 01	1.311E 01	1.388E 01	1.462E 01
3.25	0.	0.	0.	0.	0.	1.196E 01	1.288E 01	1.374E 01	1.456E 01	1.532E 01
3.50	0.	0.	0.	0.	0.	0.	1.347E 01	1.437E 01	1.521E 01	1.602E 01
3.75	0.	0.	0.	0.	0.	0.	1.404E 01	1.497E 01	1.586E 01	1.669E 01
4.00	0.	0.	0.	0.	0.	0.	0.	1.557E 01	1.649E 01	1.736E 01
4.25	0.	0.	0.	0.	0.	0.	0.	1.616E 01	1.711E 01	1.801E 01
4.50	0.	0.	0.	0.	0.	0.	0.	1.673E 01	1.772E 01	1.865E 01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	1.831E 01	1.928E 01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	1.891E 01	1.990E 01

TIME VERSUS ETA

DELTA = 0.25 ALPHA = 0.20 PSI = 0.10

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.405E 00	1.935E 00	2.349E 00	2.700E 00	3.010E 00	3.291E 00	3.550E 00	3.792E 00	4.018E 00	4.233E 00
0.50	1.883E 00	2.585E 00	3.134E 00	3.600E 00	4.012E 00	4.385E 00	4.729E 00	5.050E 00	5.352E 00	5.637E 00
0.75	0.	3.145E 00	3.809E 00	4.373E 00	4.872E 00	5.325E 00	5.742E 00	6.131E 00	6.497E 00	6.843E 00
1.00	0.	3.649E 00	4.416E 00	5.068E 00	5.645E 00	6.168E 00	6.650E 00	7.100E 00	7.523E 00	7.923E 00
1.25	0.	0.	4.975E 00	5.707E 00	6.355E 00	6.944E 00	7.486E 00	7.991E 00	8.466E 00	8.916E 00
1.50	0.	0.	5.498E 00	6.305E 00	7.020E 00	7.668E 00	8.266E 00	8.823E 00	9.348E 00	9.844E 00
1.75	0.	0.	0.	6.870E 00	7.648E 00	8.354E 00	9.004E 00	9.610E 00	1.018E 01	1.072E 01
2.00	0.	0.	0.	7.410E 00	8.247E 00	9.007E 00	9.707E 00	1.036E 01	1.097E 01	1.156E 01
2.25	0.	0.	0.	0.	8.822E 00	9.634E 00	1.038E 01	1.108E 01	1.174E 01	1.236E 01
2.50	0.	0.	0.	0.	9.377E 00	1.024E 01	1.103E 01	1.177E 01	1.247E 01	1.313E 01
2.75	0.	0.	0.	0.	9.915E 00	1.082E 01	1.166E 01	1.245E 01	1.318E 01	1.388E 01
3.00	0.	0.	0.	0.	0.	1.139E 01	1.228E 01	1.310E 01	1.387E 01	1.461E 01
3.25	0.	0.	0.	0.	0.	1.195E 01	1.287E 01	1.374E 01	1.455E 01	1.532E 01
3.50	0.	0.	0.	0.	0.	0.	1.346E 01	1.436E 01	1.520E 01	1.601E 01
3.75	0.	0.	0.	0.	0.	0.	1.403E 01	1.496E 01	1.585E 01	1.668E 01
4.00	0.	0.	0.	0.	0.	0.	0.	1.556E 01	1.648E 01	1.735E 01
4.25	0.	0.	0.	0.	0.	0.	0.	1.615E 01	1.710E 01	1.800E 01
4.50	0.	0.	0.	0.	0.	0.	0.	1.672E 01	1.771E 01	1.864E 01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	1.831E 01	1.927E 01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	1.890E 01	1.989E 01

TIME VERSUS ETA

DELTA = 0.50 ALPHA = 0.20 PSI = 0.10

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.387E 00	1.922E 00	2.338E 00	2.690E 00	3.002E 00	3.284E 00	3.543E 00	3.785E 00	4.012E 00	4.227E 00
0.50	1.863E 00	2.570E 00	3.121E 00	3.589E 00	4.002E 00	4.377E 00	4.721E 00	5.043E 00	5.345E 00	5.631E 00
0.75	0.	3.130E 00	3.796E 00	4.362E 00	4.862E 00	5.316E 00	5.734E 00	6.123E 00	6.489E 00	6.835E 00
1.00	0.	3.633E 00	4.402E 00	5.056E 00	5.634E 00	6.159E 00	6.641E 00	7.092E 00	7.515E 00	7.916E 00
1.25	0.	0.	4.961E 00	5.695E 00	6.344E 00	6.934E 00	7.476E 00	7.982E 00	8.458E 00	8.908E 00
1.50	0.	0.	5.483E 00	6.292E 00	7.009E 00	7.658E 00	8.257E 00	8.815E 00	9.339E 00	9.836E 00
1.75	0.	0.	0.	6.858E 00	7.637E 00	8.343E 00	8.994E 00	9.601E 00	1.017E 01	1.071E 01
2.00	0.	0.	0.	7.397E 00	8.236E 00	8.996E 00	9.698E 00	1.035E 01	1.097E 01	1.155E 01
2.25	0.	0.	0.	0.	8.811E 00	9.623E 00	1.037E 01	1.107E 01	1.173E 01	1.235E 01
2.50	0.	0.	0.	0.	9.366E 00	1.023E 01	1.102E 01	1.176E 01	1.246E 01	1.312E 01
2.75	0.	0.	0.	0.	9.903E 00	1.081E 01	1.165E 01	1.244E 01	1.317E 01	1.387E 01
3.00	0.	0.	0.	0.	0.	1.138E 01	1.227E 01	1.309E 01	1.386E 01	1.460E 01
3.25	0.	0.	0.	0.	0.	1.194E 01	1.286E 01	1.373E 01	1.454E 01	1.531E 01
3.50	0.	0.	0.	0.	0.	0.	1.345E 01	1.435E 01	1.520E 01	1.600E 01
3.75	0.	0.	0.	0.	0.	0.	1.402E 01	1.496E 01	1.584E 01	1.668E 01
4.00	0.	0.	0.	0.	0.	0.	0.	1.555E 01	1.647E 01	1.734E 01
4.25	0.	0.	0.	0.	0.	0.	0.	1.614E 01	1.709E 01	1.799E 01
4.50	0.	0.	0.	0.	0.	0.	0.	1.671E 01	1.770E 01	1.863E 01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	1.830E 01	1.926E 01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	1.889E 01	1.988E 01

TIME VERSUS ETA

DELTA = 0.75 ALPHA = 0.20 PSI = 0.10

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.368E 00	1.909E 00	2.327E 00	2.681E 00	2.993E 00	3.276E 00	3.536E 00	3.778E 00	4.006E 00	4.221E 00
0.50	1.842E 00	2.555E 00	3.109E 00	3.578E 00	3.993E 00	4.368E 00	4.713E 00	5.035E 00	5.338E 00	5.624E 00
0.75	0.	3.114E 00	3.783E 00	4.351E 00	4.852E 00	5.307E 00	5.725E 00	6.115E 00	6.481E 00	6.828E 00
1.00	0.	3.616E 00	4.389E 00	5.044E 00	5.624E 00	6.149E 00	6.633E 00	7.083E 00	7.507E 00	7.908E 00
1.25	0.	0.	4.947E 00	5.683E 00	6.334E 00	6.924E 00	7.467E 00	7.974E 00	8.450E 00	8.901E 00
1.50	0.	0.	5.469E 00	6.280E 00	6.997E 00	7.648E 00	8.247E 00	8.806E 00	9.331E 00	9.828E 00
1.75	0.	0.	0.	6.845E 00	7.625E 00	8.333E 00	8.985E 00	9.592E 00	1.016E 01	1.070E 01
2.00	0.	0.	0.	7.385E 00	8.224E 00	8.986E 00	9.688E 00	1.034E 01	1.096E 01	1.154E 01
2.25	0.	0.	0.	0.	8.799E 00	9.613E 00	1.036E 01	1.106E 01	1.172E 01	1.234E 01
2.50	0.	0.	0.	0.	9.354E 00	1.022E 01	1.101E 01	1.176E 01	1.245E 01	1.311E 01
2.75	0.	0.	0.	0.	9.891E 00	1.080E 01	1.164E 01	1.243E 01	1.316E 01	1.386E 01
3.00	0.	0.	0.	0.	0.	1.137E 01	1.226E 01	1.308E 01	1.386E 01	1.459E 01
3.25	0.	0.	0.	0.	0.	1.193E 01	1.285E 01	1.372E 01	1.453E 01	1.530E 01
3.50	0.	0.	0.	0.	0.	0.	1.344E 01	1.434E 01	1.519E 01	1.599E 01
3.75	0.	0.	0.	0.	0.	0.	1.401E 01	1.495E 01	1.583E 01	1.667E 01
4.00	0.	0.	0.	0.	0.	0.	0.	1.554E 01	1.646E 01	1.733E 01
4.25	0.	0.	0.	0.	0.	0.	0.	1.613E 01	1.708E 01	1.798E 01
4.50	0.	0.	0.	0.	0.	0.	0.	1.670E 01	1.769E 01	1.862E 01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	1.829E 01	1.925E 01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	1.888E 01	1.987E 01

TIME VERSUS ETA

DELTA = 1.00 ALPHA = 0.20 PSI = 0.10

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.350E 00	1.896E 00	2.316E 00	2.672E 00	2.985E 00	3.268E 00	3.529E 00	3.772E 00	4.000E 00	4.215E 00
0.50	1.821E 00	2.541E 00	3.097E 00	3.568E 00	3.983E 00	4.359E 00	4.705E 00	5.028E 00	5.330E 00	5.617E 00
0.75	0.	3.098E 00	3.770E 00	4.339E 00	4.842E 00	5.297E 00	5.716E 00	6.107E 00	6.474E 00	6.821E 00
1.00	0.	3.600E 00	4.375E 00	5.032E 00	5.613E 00	6.139E 00	6.624E 00	7.075E 00	7.499E 00	7.900E 00
1.25	0.	0.	4.933E 00	5.670E 00	6.323E 00	6.914E 00	7.458E 00	7.965E 00	8.442E 00	8.893E 00
1.50	0.	0.	5.455E 00	6.268E 00	6.986E 00	7.638E 00	8.238E 00	8.797E 00	9.323E 00	9.820E 00
1.75	0.	0.	0.	6.833E 00	7.614E 00	8.322E 00	8.975E 00	9.583E 00	1.016E 01	1.070E 01
2.00	0.	0.	0.	7.372E 00	8.213E 00	8.975E 00	9.678E 00	1.033E 01	1.095E 01	1.153E 01
2.25	0.	0.	0.	0.	8.788E 00	9.602E 00	1.035E 01	1.105E 01	1.171E 01	1.233E 01
2.50	0.	0.	0.	0.	9.342E 00	1.021E 01	1.100E 01	1.175E 01	1.245E 01	1.311E 01
2.75	0.	0.	0.	0.	9.880E 00	1.079E 01	1.163E 01	1.242E 01	1.316E 01	1.385E 01
3.00	0.	0.	0.	0.	0.	1.136E 01	1.225E 01	1.307E 01	1.385E 01	1.458E 01
3.25	0.	0.	0.	0.	0.	1.192E 01	1.284E 01	1.371E 01	1.452E 01	1.529E 01
3.50	0.	0.	0.	0.	0.	0.	1.343E 01	1.433E 01	1.518E 01	1.598E 01
3.75	0.	0.	0.	0.	0.	0.	1.400E 01	1.494E 01	1.582E 01	1.666E 01
4.00	0.	0.	0.	0.	0.	0.	0.	1.553E 01	1.645E 01	1.732E 01
4.25	0.	0.	0.	0.	0.	0.	0.	1.612E 01	1.707E 01	1.797E 01
4.50	0.	0.	0.	0.	0.	0.	0.	1.669E 01	1.768E 01	1.861E 01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	1.828E 01	1.924E 01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	1.887E 01	1.986E 01

TIME VERSUS ETA

DELTA = 0. ALPHA = 0.40 PSI = 0.10

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.071E 00	1.430E 00	1.715E 00	1.959E 00	2.176E 00	2.373E 00	2.555E 00	2.725E 00	2.885E 00	3.037E 00
0.50	0.	1.926E 00	2.308E 00	2.635E 00	2.926E 00	3.190E 00	3.434E 00	3.662E 00	3.876E 00	4.079E 00
0.75	0.	0.	2.825E 00	3.224E 00	3.578E 00	3.901E 00	4.198E 00	4.476E 00	4.738E 00	4.986E 00
1.00	0.	0.	0.	3.758E 00	4.171E 00	4.546E 00	4.892E 00	5.215E 00	5.520E 00	5.808E 00
1.25	0.	0.	0.	0.	4.721E 00	5.145E 00	5.536E 00	5.902E 00	6.246E 00	6.572E 00
1.50	0.	0.	0.	0.	0.	5.711E 00	6.145E 00	6.550E 00	6.931E 00	7.293E 00
1.75	0.	0.	0.	0.	0.	0.	6.724E 00	7.167E 00	7.584E 00	7.980E 00
2.00	0.	0.	0.	0.	0.	0.	7.281E 00	7.761E 00	8.212E 00	8.639E 00
2.25	0.	0.	0.	0.	0.	0.	0.	8.334E 00	8.818E 00	9.277E 00
2.50	0.	0.	0.	0.	0.	0.	0.	0.	9.406E 00	9.896E 00
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.050E 01

TIME VERSUS ETA

DELTA = 0.25 ALPHA = 0.40 PSI = 0.10

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.048E 00	1.412E 00	1.701E 00	1.946E 00	2.165E 00	2.363E 00	2.546E 00	2.716E 00	2.876E 00	3.028E 00
0.50	0.	1.907E 00	2.292E 00	2.621E 00	2.913E 00	3.178E 00	3.423E 00	3.651E 00	3.866E 00	4.070E 00
0.75	0.	0.	2.807E 00	3.208E 00	3.564E 00	3.888E 00	4.187E 00	4.465E 00	4.728E 00	4.976E 00
1.00	0.	0.	0.	3.742E 00	4.156E 00	4.532E 00	4.880E 00	5.204E 00	5.509E 00	5.798E 00
1.25	0.	0.	0.	0.	4.706E 00	5.131E 00	5.524E 00	5.890E 00	6.235E 00	6.562E 00
1.50	0.	0.	0.	0.	0.	5.697E 00	6.132E 00	6.538E 00	6.920E 00	7.282E 00
1.75	0.	0.	0.	0.	0.	0.	6.711E 00	7.155E 00	7.573E 00	7.969E 00
2.00	0.	0.	0.	0.	0.	0.	7.268E 00	7.748E 00	8.200E 00	8.628E 00
2.25	0.	0.	0.	0.	0.	0.	0.	8.321E 00	8.806E 00	9.266E 00
2.50	0.	0.	0.	0.	0.	0.	0.	0.	9.395E 00	9.884E 00
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.049E 01

TIME VERSUS ETA

DELTA = 0.50 ALPHA = 0.40 PSI = 0.10

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.023E 00	1.394E 00	1.686E 00	1.934E 00	2.153E 00	2.352E 00	2.536E 00	2.707E 00	2.868E 00	3.020E 00
0.50	0.	1.886E 00	2.275E 00	2.606E 00	2.900E 00	3.166E 00	3.412E 00	3.641E 00	3.856E 00	4.061E 00
0.75	0.	0.	2.790E 00	3.193E 00	3.550E 00	3.875E 00	4.175E 00	4.454E 00	4.717E 00	4.966E 00
1.00	0.	0.	0.	3.726E 00	4.142E 00	4.519E 00	4.867E 00	5.192E 00	5.498E 00	5.788E 00
1.25	0.	0.	0.	0.	4.692E 00	5.118E 00	5.511E 00	5.878E 00	6.224E 00	6.551E 00
1.50	0.	0.	0.	0.	0.	5.683E 00	6.119E 00	6.526E 00	6.908E 00	7.271E 00
1.75	0.	0.	0.	0.	0.	0.	6.698E 00	7.143E 00	7.561E 00	7.958E 00
2.00	0.	0.	0.	0.	0.	0.	7.255E 00	7.736E 00	8.188E 00	8.617E 00
2.25	0.	0.	0.	0.	0.	0.	0.	8.309E 00	8.794E 00	9.255E 00
2.50	0.	0.	0.	0.	0.	0.	0.	0.	9.383E 00	9.873E 00
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.048E 01

TIME VERSUS ETA

DELTA = 0.75 ALPHA = 0.40 PSI = 0.10

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	9.985E-01	1.376E 00	1.671E 00	1.921E 00	2.141E 00	2.342E 00	2.526E 00	2.698E 00	2.859E 00	3.012E 00
0.50	0.	1.866E 00	2.258E 00	2.591E 00	2.886E 00	3.154E 00	3.401E 00	3.630E 00	3.847E 00	4.051E 00
0.75	0.	0.	2.772E 00	3.177E 00	3.536E 00	3.862E 00	4.163E 00	4.443E 00	4.707E 00	4.956E 00
1.00	0.	0.	0.	3.710E 00	4.127E 00	4.506E 00	4.855E 00	5.181E 00	5.487E 00	5.777E 00
1.25	0.	0.	0.	0.	4.677E 00	5.104E 00	5.499E 00	5.866E 00	6.213E 00	6.540E 00
1.50	0.	0.	0.	0.	0.	5.669E 00	6.106E 00	6.513E 00	6.897E 00	7.260E 00
1.75	0.	0.	0.	0.	0.	0.	6.685E 00	7.130E 00	7.550E 00	7.947E 00
2.00	0.	0.	0.	0.	0.	0.	7.242E 00	7.723E 00	8.177E 00	8.606E 00
2.25	0.	0.	0.	0.	0.	0.	0.	8.296E 00	8.783E 00	9.243E 00
2.50	0.	0.	0.	0.	0.	0.	0.	0.	9.371E 00	9.862E 00
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.046E 01

TIME VERSUS ETA

DELTA = 1.00 ALPHA = 0.40 PSI = 0.10

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	9.730E-01	1.358E 00	1.656E 00	1.907E 00	2.130E 00	2.331E 00	2.516E 00	2.688E 00	2.850E 00	3.003E 00
0.50	0.	1.846E 00	2.241E 00	2.577E 00	2.873E 00	3.142E 00	3.389E 00	3.620E 00	3.837E 00	4.042E 00
0.75	0.	0.	2.754E 00	3.162E 00	3.522E 00	3.849E 00	4.151E 00	4.432E 00	4.696E 00	4.946E 00
1.00	0.	0.	0.	3.694E 00	4.112E 00	4.492E 00	4.843E 00	5.169E 00	5.476E 00	5.767E 00
1.25	0.	0.	0.	0.	4.662E 00	5.090E 00	5.486E 00	5.855E 00	6.201E 00	6.530E 00
1.50	0.	0.	0.	0.	0.	5.655E 00	6.093E 00	6.501E 00	6.886E 00	7.249E 00
1.75	0.	0.	0.	0.	0.	0.	6.672E 00	7.118E 00	7.538E 00	7.936E 00
2.00	0.	0.	0.	0.	0.	0.	7.228E 00	7.711E 00	8.165E 00	8.595E 00
2.25	0.	0.	0.	0.	0.	0.	0.	8.284E 00	8.771E 00	9.232E 00
2.50	0.	0.	0.	0.	0.	0.	0.	0.	9.359E 00	9.851E 00
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.045E 01

TIME VERSUS ETA

DELTA = 0. ALPHA = 0.60 PSI = 0.10

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.209E 00	1.437E 00	1.634E 00	1.810E 00	1.970E 00	2.118E 00	2.257E 00	2.387E 00	2.511E 00
0.50	0.	0.	1.949E 00	2.215E 00	2.452E 00	2.669E 00	2.869E 00	3.056E 00	3.232E 00	3.399E 00
0.75	0.	0.	0.	2.726E 00	3.018E 00	3.283E 00	3.529E 00	3.759E 00	3.975E 00	4.180E 00
1.00	0.	0.	0.	0.	0.	3.845E 00	4.133E 00	4.401E 00	4.655E 00	4.895E 00
1.25	0.	0.	0.	0.	0.	0.	4.698E 00	5.003E 00	5.291E 00	5.563E 00
1.50	0.	0.	0.	0.	0.	0.	0.	5.574E 00	5.895E 00	6.198E 00
1.75	0.	0.	0.	0.	0.	0.	0.	0.	6.473E 00	6.807E 00
2.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.394E 00

TIME VERSUS ETA

DELTA = 0.25 ALPHA = 0.60 PSI = 0.10

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.188E 00	1.420E 00	1.619E 00	1.796E 00	1.958E 00	2.107E 00	2.246E 00	2.377E 00	2.501E 00
0.50	0.	0.	1.929E 00	2.198E 00	2.437E 00	2.655E 00	2.856E 00	3.044E 00	3.220E 00	3.388E 00
0.75	0.	0.	0.	2.708E 00	3.001E 00	3.268E 00	3.515E 00	3.745E 00	3.963E 00	4.168E 00
1.00	0.	0.	0.	0.	0.	3.830E 00	4.118E 00	4.388E 00	4.642E 00	4.882E 00
1.25	0.	0.	0.	0.	0.	0.	4.683E 00	4.989E 00	5.277E 00	5.551E 00
1.50	0.	0.	0.	0.	0.	0.	0.	5.560E 00	5.881E 00	6.185E 00
1.75	0.	0.	0.	0.	0.	0.	0.	0.	6.460E 00	6.794E 00
2.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.381E 00

TIME VERSUS ETA

DELTA = 0.50 ALPHA = 0.60 PSI = 0.10

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.166E 00	1.402E 00	1.604E 00	1.782E 00	1.945E 00	2.095E 00	2.234E 00	2.366E 00	2.491E 00
0.50	0.	0.	1.910E 00	2.181E 00	2.421E 00	2.640E 00	2.842E 00	3.031E 00	3.209E 00	3.377E 00
0.75	0.	0.	0.	2.689E 00	2.984E 00	3.253E 00	3.501E 00	3.732E 00	3.950E 00	4.156E 00
1.00	0.	0.	0.	0.	0.	3.814E 00	4.104E 00	4.374E 00	4.629E 00	4.870E 00
1.25	0.	0.	0.	0.	0.	0.	4.668E 00	4.975E 00	5.264E 00	5.538E 00
1.50	0.	0.	0.	0.	0.	0.	0.	5.546E 00	5.867E 00	6.172E 00
1.75	0.	0.	0.	0.	0.	0.	0.	0.	6.446E 00	6.780E 00
2.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.368E 00

TIME VERSUS ETA

DELTA = 0.75 ALPHA = 0.60 PSI = 0.10

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.145E 00	1.384E 00	1.588E 00	1.768E 00	1.932E 00	2.083E 00	2.223E 00	2.355E 00	2.481E 00
0.50	0.	0.	1.890E 00	2.163E 00	2.406E 00	2.626E 00	2.829E 00	3.018E 00	3.197E 00	3.366E 00
0.75	0.	0.	0.	2.671E 00	2.968E 00	3.237E 00	3.486E 00	3.719E 00	3.937E 00	4.145E 00
1.00	0.	0.	0.	0.	0.	3.798E 00	4.089E 00	4.360E 00	4.616E 00	4.858E 00
1.25	0.	0.	0.	0.	0.	0.	4.653E 00	4.961E 00	5.251E 00	5.525E 00
1.50	0.	0.	0.	0.	0.	0.	0.	5.531E 00	5.854E 00	6.159E 00
1.75	0.	0.	0.	0.	0.	0.	0.	0.	6.432E 00	6.767E 00
2.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.354E 00

TIME VERSUS ETA

DELTA = 1.00 ALPHA = 0.60 PSI = 0.10

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.123E 00	1.366E 00	1.572E 00	1.754E 00	1.919E 00	2.071E 00	2.212E 00	2.345E 00	2.471E 00
0.50	0.	0.	1.869E 00	2.145E 00	2.390E 00	2.611E 00	2.816E 00	3.006E 00	3.185E 00	3.354E 00
0.75	0.	0.	0.	2.652E 00	2.951E 00	3.222E 00	3.472E 00	3.705E 00	3.925E 00	4.133E 00
1.00	0.	0.	0.	0.	0.	3.782E 00	4.074E 00	4.346E 00	4.603E 00	4.845E 00
1.25	0.	0.	0.	0.	0.	0.	4.638E 00	4.947E 00	5.237E 00	5.513E 00
1.50	0.	0.	0.	0.	0.	0.	0.	5.517E 00	5.840E 00	6.146E 00
1.75	0.	0.	0.	0.	0.	0.	0.	0.	6.418E 00	6.754E 00
2.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.341E 00

TIME VERSUS ETA

DELTA = 0. ALPHA = 0.80 PSI = 0.10

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.081E 00	1.276E 00	1.445E 00	1.596E 00	1.734E 00	1.862E 00	1.981E 00	2.094E 00	2.201E 00
0.50	0.	0.	0.	1.971E 00	2.177E 00	2.365E 00	2.539E 00	2.702E 00	2.855E 00	3.001E 00
0.75	0.	0.	0.	0.	0.	2.924E 00	3.139E 00	3.340E 00	3.530E 00	3.710E 00
1.00	0.	0.	0.	0.	0.	0.	3.692E 00	3.928E 00	4.151E 00	4.363E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	4.736E 00	4.977E 00
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.563E 00

TIME VERSUS ETA

DELTA = 0.25 ALPHA = 0.80 PSI = 0.10

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.057E 00	1.256E 00	1.427E 00	1.580E 00	1.719E 00	1.848E 00	1.968E 00	2.082E 00	2.190E 00
0.50	0.	0.	0.	1.951E 00	2.159E 00	2.348E 00	2.524E 00	2.687E 00	2.842E 00	2.988E 00
0.75	0.	0.	0.	0.	0.	2.907E 00	3.123E 00	3.325E 00	3.516E 00	3.696E 00
1.00	0.	0.	0.	0.	0.	0.	3.675E 00	3.913E 00	4.137E 00	4.349E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	4.721E 00	4.963E 00
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.549E 00

TIME VERSUS ETA

DELTA = 0.50 ALPHA = 0.80 PSI = 0.10

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.033E 00	1.236E 00	1.410E 00	1.564E 00	1.705E 00	1.835E 00	1.956E 00	2.070E 00	2.178E 00
0.50	0.	0.	0.	1.932E 00	2.141E 00	2.332E 00	2.509E 00	2.673E 00	2.828E 00	2.975E 00
0.75	0.	0.	0.	0.	0.	2.890E 00	3.107E 00	3.310E 00	3.501E 00	3.683E 00
1.00	0.	0.	0.	0.	0.	0.	3.659E 00	3.897E 00	4.122E 00	4.335E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	4.706E 00	4.949E 00
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.534E 00

TIME VERSUS ETA

DELTA = 0.75 ALPHA = 0.80 PSI = 0.10

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.009E 00	1.216E 00	1.392E 00	1.548E 00	1.690E 00	1.821E 00	1.943E 00	2.058E 00	2.167E 00
0.50	0.	0.	0.	1.912E 00	2.124E 00	2.316E 00	2.493E 00	2.659E 00	2.815E 00	2.963E 00
0.75	0.	0.	0.	0.	0.	2.872E 00	3.091E 00	3.295E 00	3.487E 00	3.669E 00
1.00	0.	0.	0.	0.	0.	0.	3.642E 00	3.881E 00	4.107E 00	4.321E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	4.691E 00	4.934E 00
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.520E 00

TIME VERSUS ETA

DELTA = 1.00 ALPHA = 0.80 PSI = 0.10

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	9.838E-01	1.195E 00	1.374E 00	1.532E 00	1.675E 00	1.807E 00	1.930E 00	2.046E 00	2.155E 00
0.50	0.	0.	0.	1.892E 00	2.106E 00	2.299E 00	2.478E 00	2.645E 00	2.801E 00	2.950E 00
0.75	0.	0.	0.	0.	0.	2.855E 00	3.075E 00	3.280E 00	3.473E 00	3.656E 00
1.00	0.	0.	0.	0.	0.	0.	3.625E 00	3.866E 00	4.092E 00	4.307E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	4.676E 00	4.920E 00
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.505E 00

TIME VERSUS ETA

DELTA = 0. ALPHA = 1.00 PSI = 0.10

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	9.959E-01	1.168E 00	1.317E 00	1.452E 00	1.575E 00	1.689E 00	1.795E 00	1.896E 00	1.992E 00
0.50	0.	0.	0.	0.	1.992E 00	2.161E 00	2.317E 00	2.464E 00	2.602E 00	2.733E 00
0.75	0.	0.	0.	0.	0.	0.	2.878E 00	3.060E 00	3.231E 00	3.395E 00
1.00	0.	0.	0.	0.	0.	0.	0.	0.	3.815E 00	4.007E 00

TIME VERSUS ETA

DELTA = 0.25 ALPHA = 1.00 PSI = 0.10

	OMEGA									
ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	9.706E-01	1.146E 00	1.298E 00	1.435E 00	1.559E 00	1.674E 00	1.781E 00	1.883E 00	1.979E 00
0.50	0.	0.	0.	0.	1.973E 00	2.143E 00	2.301E 00	2.448E 00	2.587E 00	2.719E 00
0.75	0.	0.	0.	0.	0.	0.	2.860E 00	3.043E 00	3.216E 00	3.380E 00
1.00	0.	0.	0.	0.	0.	0.	0.	0.	3.799E 00	3.992E 00

TIME VERSUS ETA

DELTA = 0.50 ALPHA = 1.00 PSI = 0.10

	OMEGA									
ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	9.445E-01	1.124E 00	1.279E 00	1.417E 00	1.543E 00	1.659E 00	1.767E 00	1.870E 00	1.967E 00
0.50	0.	0.	0.	0.	1.954E 00	2.125E 00	2.284E 00	2.433E 00	2.572E 00	2.705E 00
0.75	0.	0.	0.	0.	0.	0.	2.843E 00	3.027E 00	3.200E 00	3.365E 00
1.00	0.	0.	0.	0.	0.	0.	0.	0.	3.782E 00	3.976E 00

TIME VERSUS ETA

DELTA = 0.75 ALPHA = 1.00 PSI = 0.10

	OMEGA									
ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	1.102E 00	1.259E 00	1.399E 00	1.526E 00	1.644E 00	1.753E 00	1.856E 00	1.954E 00
0.50	0.	0.	0.	0.	1.934E 00	2.107E 00	2.267E 00	2.417E 00	2.558E 00	2.691E 00
0.75	0.	0.	0.	0.	0.	0.	2.825E 00	3.010E 00	3.185E 00	3.350E 00
1.00	0.	0.	0.	0.	0.	0.	0.	0.	3.766E 00	3.961E 00

TIME VERSUS ETA

DELTA = 1.00 ALPHA = 1.00 PSI = 0.10

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	0.	1.079E 00	1.239E 00	1.381E 00	1.510E 00	1.629E 00	1.739E 00	1.843E 00	1.941E 00
0.50	0.	0.	0.	0.	1.914E 00	2.089E 00	2.250E 00	2.401E 00	2.543E 00	2.677E 00
0.75	0.	0.	0.	0.	0.	0.	2.807E 00	2.994E 00	3.169E 00	3.335E 00
1.00	0.	0.	0.	0.	0.	0.	0.	0.	3.750E 00	3.946E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

TIME VERSUS ETA

DELTA = 0. ALPHA = 0.20 PSI = 0.20

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.424E 00	1.950E 00	2.361E 00	2.711E 00	3.021E 00	3.302E 00	3.560E 00	3.801E 00	4.028E 00	4.242E 00
0.50	1.907E 00	2.605E 00	3.152E 00	3.617E 00	4.029E 00	4.402E 00	4.747E 00	5.067E 00	5.369E 00	5.655E 00
0.75	0.	3.170E 00	3.833E 00	4.397E 00	4.897E 00	5.350E 00	5.767E 00	6.157E 00	6.523E 00	6.869E 00
1.00	0.	3.679E 00	4.446E 00	5.098E 00	5.676E 00	6.201E 00	6.684E 00	7.135E 00	7.558E 00	7.960E 00
1.25	0.	0.	5.011E 00	5.744E 00	6.394E 00	6.984E 00	7.528E 00	8.035E 00	8.512E 00	8.963E 00
1.50	0.	0.	5.540E 00	6.350E 00	7.067E 00	7.718E 00	8.318E 00	8.878E 00	9.404E 00	9.902E 00
1.75	0.	0.	6.042E 00	6.923E 00	7.704E 00	8.412E 00	9.066E 00	9.675E 00	1.025E 01	1.079E 01
2.00	0.	0.	0.	7.470E 00	8.312E 00	9.075E 00	9.779E 00	1.044E 01	1.105E 01	1.164E 01
2.25	0.	0.	0.	7.997E 00	8.896E 00	9.712E 00	1.046E 01	1.117E 01	1.183E 01	1.245E 01
2.50	0.	0.	0.	0.	9.460E 00	1.033E 01	1.113E 01	1.187E 01	1.257E 01	1.324E 01
2.75	0.	0.	0.	0.	1.001E 01	1.092E 01	1.177E 01	1.256E 01	1.330E 01	1.400E 01
3.00	0.	0.	0.	0.	0.	1.150E 01	1.239E 01	1.322E 01	1.400E 01	1.474E 01
3.25	0.	0.	0.	0.	0.	1.207E 01	1.300E 01	1.387E 01	1.469E 01	1.546E 01
3.50	0.	0.	0.	0.	0.	0.	1.360E 01	1.450E 01	1.536E 01	1.617E 01
3.75	0.	0.	0.	0.	0.	0.	1.418E 01	1.513E 01	1.602E 01	1.686E 01
4.00	0.	0.	0.	0.	0.	0.	1.475E 01	1.573E 01	1.666E 01	1.754E 01
4.25	0.	0.	0.	0.	0.	0.	0.	1.633E 01	1.729E 01	1.820E 01
4.50	0.	0.	0.	0.	0.	0.	0.	1.692E 01	1.792E 01	1.886E 01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	1.853E 01	1.951E 01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	1.914E 01	2.014E 01

TIME VERSUS ETA

DELTA = 0.25 ALPHA = 0.20 PSI = 0.20

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.406E 00	1.937E 00	2.351E 00	2.702E 00	3.012E 00	3.294E 00	3.553E 00	3.795E 00	4.022E 00	4.237E 00
0.50	1.887E 00	2.590E 00	3.140E 00	3.606E 00	4.019E 00	4.394E 00	4.739E 00	5.060E 00	5.362E 00	5.648E 00
0.75	0.	3.154E 00	3.820E 00	4.386E 00	4.886E 00	5.340E 00	5.759E 00	6.148E 00	6.515E 00	6.862E 00
1.00	0.	3.663E 00	4.432E 00	5.086E 00	5.666E 00	6.191E 00	6.675E 00	7.126E 00	7.550E 00	7.952E 00
1.25	0.	0.	4.997E 00	5.732E 00	6.384E 00	6.974E 00	7.519E 00	8.026E 00	8.504E 00	8.956E 00
1.50	0.	0.	5.526E 00	6.337E 00	7.056E 00	7.708E 00	8.308E 00	8.869E 00	9.396E 00	9.894E 00
1.75	0.	0.	6.028E 00	6.910E 00	7.692E 00	8.402E 00	9.056E 00	9.666E 00	1.024E 01	1.078E 01
2.00	0.	0.	0.	7.458E 00	8.300E 00	9.065E 00	9.770E 00	1.043E 01	1.105E 01	1.163E 01
2.25	0.	0.	0.	7.984E 00	8.884E 00	9.702E 00	1.046E 01	1.116E 01	1.182E 01	1.244E 01
2.50	0.	0.	0.	0.	9.448E 00	1.032E 01	1.112E 01	1.186E 01	1.257E 01	1.323E 01
2.75	0.	0.	0.	0.	9.995E 00	1.091E 01	1.176E 01	1.255E 01	1.329E 01	1.399E 01
3.00	0.	0.	0.	0.	0.	1.149E 01	1.238E 01	1.321E 01	1.399E 01	1.473E 01
3.25	0.	0.	0.	0.	0.	1.206E 01	1.299E 01	1.386E 01	1.468E 01	1.546E 01
3.50	0.	0.	0.	0.	0.	0.	1.359E 01	1.449E 01	1.535E 01	1.616E 01
3.75	0.	0.	0.	0.	0.	0.	1.417E 01	1.512E 01	1.601E 01	1.685E 01
4.00	0.	0.	0.	0.	0.	0.	1.474E 01	1.573E 01	1.665E 01	1.753E 01
4.25	0.	0.	0.	0.	0.	0.	0.	1.632E 01	1.729E 01	1.820E 01
4.50	0.	0.	0.	0.	0.	0.	0.	1.691E 01	1.791E 01	1.885E 01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	1.852E 01	1.950E 01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	1.913E 01	2.013E 01

TIME VERSUS ETA

DELTA = 0.50 ALPHA = 0.20 PSI = 0.20

	OMEGA									
ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.388E 00	1.924E 00	2.340E 00	2.693E 00	3.004E 00	3.286E 00	3.546E 00	3.788E 00	4.015E 00	4.231E 00
0.50	1.866E 00	2.575E 00	3.128E 00	3.596E 00	4.010E 00	4.385E 00	4.731E 00	5.052E 00	5.355E 00	5.641E 00
0.75	0.	3.139E 00	3.807E 00	4.374E 00	4.876E 00	5.331E 00	5.750E 00	6.140E 00	6.507E 00	6.855E 00
1.00	0.	3.646E 00	4.419E 00	5.075E 00	5.655E 00	6.181E 00	6.666E 00	7.118E 00	7.543E 00	7.945E 00
1.25	0.	0.	4.983E 00	5.720E 00	6.373E 00	6.964E 00	7.509E 00	8.018E 00	8.495E 00	8.948E 00
1.50	0.	0.	5.512E 00	6.325E 00	7.045E 00	7.697E 00	8.299E 00	8.860E 00	9.387E 00	9.887E 00
1.75	0.	0.	6.013E 00	6.898E 00	7.681E 00	8.392E 00	9.046E 00	9.657E 00	1.023E 01	1.077E 01
2.00	0.	0.	0.	7.445E 00	8.289E 00	9.054E 00	9.760E 00	1.042E 01	1.104E 01	1.162E 01
2.25	0.	0.	0.	7.971E 00	8.873E 00	9.691E 00	1.045E 01	1.115E 01	1.181E 01	1.244E 01
2.50	0.	0.	0.	0.	9.437E 00	1.031E 01	1.111E 01	1.185E 01	1.256E 01	1.322E 01
2.75	0.	0.	0.	0.	9.984E 00	1.090E 01	1.175E 01	1.254E 01	1.328E 01	1.398E 01
3.00	0.	0.	0.	0.	0.	1.148E 01	1.237E 01	1.320E 01	1.398E 01	1.472E 01
3.25	0.	0.	0.	0.	0.	1.205E 01	1.298E 01	1.385E 01	1.467E 01	1.545E 01
3.50	0.	0.	0.	0.	0.	0.	1.358E 01	1.449E 01	1.534E 01	1.615E 01
3.75	0.	0.	0.	0.	0.	0.	1.416E 01	1.511E 01	1.600E 01	1.684E 01
4.00	0.	0.	0.	0.	0.	0.	1.473E 01	1.572E 01	1.664E 01	1.752E 01
4.25	0.	0.	0.	0.	0.	0.	0.	1.631E 01	1.728E 01	1.819E 01
4.50	0.	0.	0.	0.	0.	0.	0.	1.690E 01	1.790E 01	1.884E 01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	1.851E 01	1.949E 01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	1.912E 01	2.012E 01

TIME VERSUS ETA

DELTA = 0.75 ALPHA = 0.20 PSI = 0.20

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.370E 00	1.911E 00	2.329E 00	2.683E 00	2.996E 00	3.279E 00	3.539E 00	3.781E 00	4.009E 00	4.225E 00
0.50	1.846E 00	2.560E 00	3.115E 00	3.585E 00	4.000E 00	4.376E 00	4.722E 00	5.045E 00	5.348E 00	5.635E 00
0.75	0.	3.123E 00	3.794E 00	4.363E 00	4.866E 00	5.322E 00	5.741E 00	6.132E 00	6.500E 00	6.848E 00
1.00	0.	3.630E 00	4.405E 00	5.063E 00	5.644E 00	6.171E 00	6.657E 00	7.109E 00	7.535E 00	7.937E 00
1.25	0.	0.	4.969E 00	5.708E 00	6.362E 00	6.954E 00	7.500E 00	8.009E 00	8.487E 00	8.940E 00
1.50	0.	0.	5.497E 00	6.312E 00	7.033E 00	7.687E 00	8.290E 00	8.851E 00	9.379E 00	9.879E 00
1.75	0.	0.	5.999E 00	6.885E 00	7.670E 00	8.381E 00	9.037E 00	9.648E 00	1.022E 01	1.077E 01
2.00	0.	0.	0.	7.432E 00	8.277E 00	9.044E 00	9.750E 00	1.041E 01	1.103E 01	1.161E 01
2.25	0.	0.	0.	7.958E 00	8.861E 00	9.680E 00	1.044E 01	1.114E 01	1.180E 01	1.243E 01
2.50	0.	0.	0.	0.	9.425E 00	1.030E 01	1.110E 01	1.184E 01	1.255E 01	1.321E 01
2.75	0.	0.	0.	0.	9.972E 00	1.089E 01	1.174E 01	1.253E 01	1.327E 01	1.398E 01
3.00	0.	0.	0.	0.	0.	1.147E 01	1.236E 01	1.319E 01	1.398E 01	1.472E 01
3.25	0.	0.	0.	0.	0.	1.204E 01	1.297E 01	1.384E 01	1.466E 01	1.544E 01
3.50	0.	0.	0.	0.	0.	0.	1.357E 01	1.448E 01	1.533E 01	1.614E 01
3.75	0.	0.	0.	0.	0.	0.	1.415E 01	1.510E 01	1.599E 01	1.684E 01
4.00	0.	0.	0.	0.	0.	0.	1.472E 01	1.571E 01	1.663E 01	1.751E 01
4.25	0.	0.	0.	0.	0.	0.	0.	1.630E 01	1.727E 01	1.818E 01
4.50	0.	0.	0.	0.	0.	0.	0.	1.689E 01	1.789E 01	1.883E 01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	1.850E 01	1.948E 01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	1.911E 01	2.012E 01

TIME VERSUS ETA

DELTA = 1.00 ALPHA = 0.20 PSI = 0.20

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.351E 00	1.897E 00	2.318E 00	2.674E 00	2.987E 00	3.271E 00	3.532E 00	3.775E 00	4.003E 00	4.219E 00
0.50	1.825E 00	2.546E 00	3.103E 00	3.575E 00	3.991E 00	4.368E 00	4.714E 00	5.037E 00	5.341E 00	5.628E 00
0.75	0.	3.107E 00	3.781E 00	4.352E 00	4.856E 00	5.312E 00	5.733E 00	6.124E 00	6.492E 00	6.840E 00
1.00	0.	3.613E 00	4.391E 00	5.051E 00	5.634E 00	6.162E 00	6.648E 00	7.101E 00	7.527E 00	7.930E 00
1.25	0.	0.	4.955E 00	5.696E 00	6.351E 00	6.944E 00	7.491E 00	8.000E 00	8.479E 00	8.932E 00
1.50	0.	0.	5.483E 00	6.300E 00	7.022E 00	7.677E 00	8.280E 00	8.842E 00	9.370E 00	9.871E 00
1.75	0.	0.	5.984E 00	6.872E 00	7.658E 00	8.371E 00	9.027E 00	9.639E 00	1.021E 01	1.076E 01
2.00	0.	0.	0.	7.419E 00	8.266E 00	9.033E 00	9.740E 00	1.040E 01	1.102E 01	1.161E 01
2.25	0.	0.	0.	7.945E 00	8.850E 00	9.670E 00	1.043E 01	1.113E 01	1.179E 01	1.242E 01
2.50	0.	0.	0.	0.	9.413E 00	1.028E 01	1.109E 01	1.184E 01	1.254E 01	1.321E 01
2.75	0.	0.	0.	0.	9.960E 00	1.088E 01	1.173E 01	1.252E 01	1.326E 01	1.397E 01
3.00	0.	0.	0.	0.	0.	1.146E 01	1.235E 01	1.318E 01	1.397E 01	1.471E 01
3.25	0.	0.	0.	0.	0.	1.203E 01	1.296E 01	1.383E 01	1.465E 01	1.543E 01
3.50	0.	0.	0.	0.	0.	0.	1.356E 01	1.447E 01	1.532E 01	1.614E 01
3.75	0.	0.	0.	0.	0.	0.	1.414E 01	1.509E 01	1.598E 01	1.683E 01
4.00	0.	0.	0.	0.	0.	0.	1.471E 01	1.570E 01	1.663E 01	1.750E 01
4.25	0.	0.	0.	0.	0.	0.	0.	1.630E 01	1.726E 01	1.817E 01
4.50	0.	0.	0.	0.	0.	0.	0.	1.688E 01	1.788E 01	1.883E 01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	1.849E 01	1.947E 01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	1.910E 01	2.011E 01

TIME VERSUS ETA

DELTA = 0. ALPHA = 0.40 PSI = 0.20

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.073E 00	1.432E 00	1.718E 00	1.962E 00	2.180E 00	2.377E 00	2.559E 00	2.729E 00	2.890E 00	3.041E 00
0.50	0.	1.933E 00	2.316E 00	2.644E 00	2.936E 00	3.201E 00	3.446E 00	3.675E 00	3.890E 00	4.094E 00
0.75	0.	0.	2.840E 00	3.241E 00	3.597E 00	3.921E 00	4.220E 00	4.500E 00	4.763E 00	5.012E 00
1.00	0.	0.	0.	3.783E 00	4.198E 00	4.576E 00	4.924E 00	5.250E 00	5.556E 00	5.847E 00
1.25	0.	0.	0.	0.	4.758E 00	5.185E 00	5.580E 00	5.948E 00	6.295E 00	6.624E 00
1.50	0.	0.	0.	0.	0.	5.762E 00	6.199E 00	6.608E 00	6.993E 00	7.358E 00
1.75	0.	0.	0.	0.	0.	6.312E 00	6.791E 00	7.239E 00	7.660E 00	8.059E 00
2.00	0.	0.	0.	0.	0.	0.	7.361E 00	7.845E 00	8.301E 00	8.734E 00
2.25	0.	0.	0.	0.	0.	0.	0.	8.432E 00	8.922E 00	9.386E 00
2.50	0.	0.	0.	0.	0.	0.	0.	0.	9.525E 00	1.002E 01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.064E 01
3.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.124E 01

TIME VERSUS ETA

DELTA = 0.25 ALPHA = 0.40 PSI = 0.20

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.049E 00	1.414E 00	1.703E 00	1.949E 00	2.168E 00	2.366E 00	2.550E 00	2.720E 00	2.881E 00	3.033E 00
0.50	0.	1.913E 00	2.300E 00	2.630E 00	2.923E 00	3.189E 00	3.435E 00	3.664E 00	3.880E 00	4.085E 00
0.75	0.	0.	2.822E 00	3.225E 00	3.583E 00	3.908E 00	4.208E 00	4.489E 00	4.752E 00	5.002E 00
1.00	0.	0.	0.	3.767E 00	4.184E 00	4.562E 00	4.912E 00	5.238E 00	5.545E 00	5.836E 00
1.25	0.	0.	0.	0.	4.743E 00	5.172E 00	5.567E 00	5.936E 00	6.284E 00	6.613E 00
1.50	0.	0.	0.	0.	0.	5.748E 00	6.187E 00	6.596E 00	6.982E 00	7.347E 00
1.75	0.	0.	0.	0.	0.	6.298E 00	6.778E 00	7.226E 00	7.648E 00	8.048E 00
2.00	0.	0.	0.	0.	0.	0.	7.348E 00	7.833E 00	8.290E 00	8.722E 00
2.25	0.	0.	0.	0.	0.	0.	0.	8.419E 00	8.910E 00	9.375E 00
2.50	0.	0.	0.	0.	0.	0.	0.	0.	9.513E 00	1.001E 01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.063E 01
3.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.123E 01

TIME VERSUS ETA

DELTA = 0.50 ALPHA = 0.40 PSI = 0.20

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.025E 00	1.397E 00	1.688E 00	1.937E 00	2.156E 00	2.356E 00	2.540E 00	2.711E 00	2.872E 00	3.025E 00
0.50	0.	1.893E 00	2.283E 00	2.615E 00	2.910E 00	3.177E 00	3.424E 00	3.654E 00	3.870E 00	4.075E 00
0.75	0.	0.	2.804E 00	3.210E 00	3.569E 00	3.895E 00	4.197E 00	4.477E 00	4.742E 00	4.992E 00
1.00	0.	0.	0.	3.751E 00	4.169E 00	4.549E 00	4.900E 00	5.227E 00	5.534E 00	5.826E 00
1.25	0.	0.	0.	0.	4.728E 00	5.158E 00	5.554E 00	5.924E 00	6.273E 00	6.602E 00
1.50	0.	0.	0.	0.	0.	5.734E 00	6.174E 00	6.584E 00	6.970E 00	7.336E 00
1.75	0.	0.	0.	0.	0.	6.284E 00	6.765E 00	7.214E 00	7.637E 00	8.037E 00
2.00	0.	0.	0.	0.	0.	0.	7.334E 00	7.820E 00	8.278E 00	8.711E 00
2.25	0.	0.	0.	0.	0.	0.	0.	8.407E 00	8.898E 00	9.364E 00
2.50	0.	0.	0.	0.	0.	0.	0.	0.	9.501E 00	9.998E 00
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.062E 01
3.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.122E 01

TIME VERSUS ETA

DELTA = 0.75 ALPHA = 0.40 PSI = 0.20

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.000E 00	1.378E 00	1.673E 00	1.924E 00	2.145E 00	2.345E 00	2.530E 00	2.702E 00	2.863E 00	3.016E 00
0.50	0.	1.873E 00	2.266E 00	2.601E 00	2.897E 00	3.165E 00	3.413E 00	3.644E 00	3.860E 00	4.066E 00
0.75	0.	0.	2.786E 00	3.194E 00	3.555E 00	3.883E 00	4.185E 00	4.466E 00	4.731E 00	4.982E 00
1.00	0.	0.	0.	3.735E 00	4.155E 00	4.536E 00	4.887E 00	5.215E 00	5.524E 00	5.816E 00
1.25	0.	0.	0.	0.	4.713E 00	5.144E 00	5.542E 00	5.913E 00	6.261E 00	6.592E 00
1.50	0.	0.	0.	0.	0.	5.720E 00	6.161E 00	6.572E 00	6.959E 00	7.325E 00
1.75	0.	0.	0.	0.	0.	6.270E 00	6.752E 00	7.202E 00	7.625E 00	8.026E 00
2.00	0.	0.	0.	0.	0.	0.	7.321E 00	7.808E 00	8.266E 00	8.700E 00
2.25	0.	0.	0.	0.	0.	0.	0.	8.394E 00	8.886E 00	9.352E 00
2.50	0.	0.	0.	0.	0.	0.	0.	0.	9.489E 00	9.986E 00
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.060E 01
3.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.121E 01

TIME VERSUS ETA

DELTA = 1.00 ALPHA = 0.40 PSI = 0.20

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	9.746E-01	1.360E 00	1.658E 00	1.910E 00	2.133E 00	2.334E 00	2.520E 00	2.692E 00	2.855E 00	3.008E 00
0.50	0.	1.852E 00	2.249E 00	2.586E 00	2.884E 00	3.153E 00	3.402E 00	3.633E 00	3.851E 00	4.056E 00
0.75	0.	0.	2.768E 00	3.178E 00	3.541E 00	3.870E 00	4.173E 00	4.455E 00	4.721E 00	4.972E 00
1.00	0.	0.	0.	3.718E 00	4.140E 00	4.522E 00	4.875E 00	5.203E 00	5.513E 00	5.805E 00
1.25	0.	0.	0.	0.	4.698E 00	5.131E 00	5.529E 00	5.901E 00	6.250E 00	6.581E 00
1.50	0.	0.	0.	0.	0.	5.706E 00	6.148E 00	6.560E 00	6.947E 00	7.314E 00
1.75	0.	0.	0.	0.	0.	6.256E 00	6.739E 00	7.189E 00	7.613E 00	8.015E 00
2.00	0.	0.	0.	0.	0.	0.	7.308E 00	7.795E 00	8.254E 00	8.689E 00
2.25	0.	0.	0.	0.	0.	0.	0.	8.382E 00	8.874E 00	9.341E 00
2.50	0.	0.	0.	0.	0.	0.	0.	0.	9.477E 00	9.975E 00
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.059E 01
3.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.120E 01

TIME VERSUS ETA

DELTA = 0. ALPHA = 0.60 PSI = 0.20

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	9.268E-01	1.211E 00	1.441E 00	1.638E 00	1.814E 00	1.975E 00	2.123E 00	2.262E 00	2.393E 00	2.516E 00
0.50	0.	0.	1.959E 00	2.226E 00	2.465E 00	2.682E 00	2.884E 00	3.072E 00	3.249E 00	3.417E 00
0.75	0.	0.	0.	2.746E 00	3.039E 00	3.307E 00	3.554E 00	3.786E 00	4.004E 00	4.211E 00
1.00	0.	0.	0.	0.	3.567E 00	3.880E 00	4.170E 00	4.441E 00	4.697E 00	4.939E 00
1.25	0.	0.	0.	0.	0.	0.	4.748E 00	5.056E 00	5.347E 00	5.622E 00
1.50	0.	0.	0.	0.	0.	0.	0.	5.641E 00	5.965E 00	6.272E 00
1.75	0.	0.	0.	0.	0.	0.	0.	0.	6.559E 00	6.896E 00
2.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.500E 00

TIME VERSUS ETA

DELTA = 0.25 ALPHA = 0.60 PSI = 0.20

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.190E 00	1.423E 00	1.623E 00	1.800E 00	1.962E 00	2.111E 00	2.251E 00	2.382E 00	2.506E 00
0.50	0.	0.	1.939E 00	2.209E 00	2.449E 00	2.668E 00	2.870E 00	3.059E 00	3.237E 00	3.405E 00
0.75	0.	0.	0.	2.728E 00	3.023E 00	3.292E 00	3.540E 00	3.773E 00	3.991E 00	4.199E 00
1.00	0.	0.	0.	0.	0.	3.864E 00	4.155E 00	4.427E 00	4.684E 00	4.927E 00
1.25	0.	0.	0.	0.	0.	0.	4.733E 00	5.042E 00	5.333E 00	5.610E 00
1.50	0.	0.	0.	0.	0.	0.	0.	5.627E 00	5.951E 00	6.259E 00
1.75	0.	0.	0.	0.	0.	0.	0.	0.	6.545E 00	6.883E 00
2.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.487E 00

TIME VERSUS ETA

DELTA = 0.50 ALPHA = 0.60 PSI = 0.20

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.169E 00	1.405E 00	1.607E 00	1.786E 00	1.949E 00	2.099E 00	2.240E 00	2.371E 00	2.496E 00
0.50	0.	0.	1.919E 00	2.192E 00	2.434E 00	2.654E 00	2.857E 00	3.047E 00	3.225E 00	3.394E 00
0.75	0.	0.	0.	2.709E 00	3.006E 00	3.276E 00	3.526E 00	3.759E 00	3.979E 00	4.187E 00
1.00	0.	0.	0.	0.	0.	3.849E 00	4.141E 00	4.414E 00	4.671E 00	4.914E 00
1.25	0.	0.	0.	0.	0.	0.	4.718E 00	5.028E 00	5.320E 00	5.597E 00
1.50	0.	0.	0.	0.	0.	0.	0.	5.612E 00	5.938E 00	6.246E 00
1.75	0.	0.	0.	0.	0.	0.	0.	0.	6.531E 00	6.870E 00
2.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.473E 00

TIME VERSUS ETA

DELTA = 0.75 ALPHA = 0.60 PSI = 0.20

ETA	OMEGA 0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.147E 00	1.387E 00	1.591E 00	1.772E 00	1.936E 00	2.087E 00	2.228E 00	2.361E 00	2.486E 00
0.50	0.	0.	1.899E 00	2.174E 00	2.418E 00	2.639E 00	2.843E 00	3.034E 00	3.213E 00	3.383E 00
0.75	0.	0.	0.	2.690E 00	2.989E 00	3.261E 00	3.512E 00	3.746E 00	3.966E 00	4.175E 00
1.00	0.	0.	0.	0.	0.	3.833E 00	4.126E 00	4.400E 00	4.657E 00	4.902E 00
1.25	0.	0.	0.	0.	0.	0.	4.702E 00	5.014E 00	5.306E 00	5.584E 00
1.50	0.	0.	0.	0.	0.	0.	0.	5.598E 00	5.924E 00	6.233E 00
1.75	0.	0.	0.	0.	0.	0.	0.	0.	6.517E 00	6.857E 00
2.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.460E 00

TIME VERSUS ETA

DELTA = 1.00 ALPHA = 0.60 PSI = 0.20

ETA	OMEGA 0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.125E 00	1.369E 00	1.576E 00	1.758E 00	1.923E 00	2.075E 00	2.217E 00	2.350E 00	2.476E 00
0.50	0.	0.	1.879E 00	2.156E 00	2.402E 00	2.625E 00	2.830E 00	3.021E 00	3.201E 00	3.372E 00
0.75	0.	0.	0.	2.672E 00	2.972E 00	3.246E 00	3.497E 00	3.732E 00	3.953E 00	4.163E 00
1.00	0.	0.	0.	0.	0.	3.817E 00	4.111E 00	4.386E 00	4.644E 00	4.889E 00
1.25	0.	0.	0.	0.	0.	0.	4.687E 00	4.999E 00	5.293E 00	5.571E 00
1.50	0.	0.	0.	0.	0.	0.	0.	5.583E 00	5.910E 00	6.220E 00
1.75	0.	0.	0.	0.	0.	0.	0.	0.	6.503E 00	6.844E 00
2.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.447E 00

TIME VERSUS ETA

DELTA = 0. ALPHA = 0.80 PSI = 0.20

	OMEGA								
ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.084E 00	1.279E 00	1.449E 00	1.600E 00	1.739E 00	1.867E 00	1.987E 00	2.100E 00	2.207E 00
0.50	0.	0.	0.	1.984E 00	2.191E 00	2.38CE 00	2.555E 00	2.719E 00	2.873E 00	3.020E 00
0.75	0.	0.	0.	0.	2.716E 00	2.950E 00	3.167E 00	3.370E 00	3.562E 00	3.743E 00
1.00	0.	0.	0.	0.	0.	0.	3.733E 00	3.972E 00	4.197E 00	4.411E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	4.797E 00	5.041E 00
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.643E 00

TIME VERSUS ETA

DELTA = 0.25 ALPHA = 0.80 PSI = 0.20

	OMEGA								
ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.060E 00	1.260E 00	1.431E 00	1.585E 00	1.724E 00	1.854E 00	1.974E 00	2.088E 00	2.196E 00
0.50	0.	0.	0.	1.964E 00	2.173E 00	2.364E 00	2.540E 00	2.705E 00	2.860E 00	3.007E 00
0.75	0.	0.	0.	0.	2.697E 00	2.933E 00	3.151E 00	3.355E 00	3.547E 00	3.730E 00
1.00	0.	0.	0.	0.	0.	0.	3.716E 00	3.956E 00	4.182E 00	4.397E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	4.782E 00	5.027E 00
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.629E 00

TIME VERSUS ETA

DELTA = 0.50 ALPHA = 0.80 PSI = 0.20

	OMEGA								
ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.036E 00	1.240E 00	1.414E 00	1.569E 00	1.71CE 00	1.840E 00	1.962E 00	2.076E 00	2.185E 00
0.50	0.	0.	0.	1.944E 00	2.155E 00	2.347E 00	2.525E 00	2.691E 00	2.847E 00	2.995E 00
0.75	0.	0.	0.	0.	2.678E 00	2.916E 00	3.135E 00	3.340E 00	3.533E 00	3.716E 00
1.00	0.	0.	0.	0.	0.	0.	3.699E 00	3.941E 00	4.168E 00	4.383E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	4.767E 00	5.013E 00
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.614E 00

TIME VERSUS ETA

DELTA = 0.75 ALPHA = 0.80 PSI = 0.20

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.012E 00	1.219E 00	1.396E 00	1.553E 00	1.695E 00	1.826E 00	1.949E 00	2.064E 00	2.173E 00
0.50	0.	0.	0.	1.925E 00	2.137E 00	2.331E 00	2.510E 00	2.676E 00	2.833E 00	2.982E 00
0.75	0.	0.	0.	0.	2.659E 00	2.898E 00	3.119E 00	3.325E 00	3.519E 00	3.703E 00
1.00	0.	0.	0.	0.	0.	0.	3.683E 00	3.925E 00	4.153E 00	4.369E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	4.751E 00	4.998E 00
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.600E 00

TIME VERSUS ETA

DELTA = 1.00 ALPHA = 0.80 PSI = 0.20

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	9.867E-01	1.198E 00	1.378E 00	1.536E 00	1.680E 00	1.812E 00	1.936E 00	2.052E 00	2.161E 00
0.50	0.	0.	0.	1.904E 00	2.119E 00	2.314E 00	2.494E 00	2.662E 00	2.820E 00	2.969E 00
0.75	0.	0.	0.	0.	0.	2.881E 00	3.103E 00	3.310E 00	3.504E 00	3.689E 00
1.00	0.	0.	0.	0.	0.	0.	3.666E 00	3.909E 00	4.138E 00	4.355E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	4.736E 00	4.984E 00
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.585E 00

TIME VERSUS ETA

DELTA = 0. ALPHA = 1.00 PSI = 0.20

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	9.995E-01	1.172E 00	1.322E 00	1.457E 00	1.580E 00	1.695E 00	1.802E 00	1.903E 00	1.999E 00
0.50	0.	0.	0.	1.822E 00	2.007E 00	2.177E 00	2.335E 00	2.482E 00	2.622E 00	2.754E 00
0.75	0.	0.	0.	0.	0.	0.	2.908E 00	3.092E 00	3.266E 00	3.430E 00
1.00	0.	0.	0.	0.	0.	0.	0.	0.	3.864E 00	4.059E 00

TIME VERSUS ETA

DELTA = 0.25 ALPHA = 1.00 PSI = 0.20

	OMEGA								
ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	9.741E-01	1.150E 00	1.303E 00	1.440E 00	1.564E 00	1.680E 00	1.788E 00	1.890E 00	1.986E 00
0.50	0.	0.	0.	1.800E 00	1.988E 00	2.159E 00	2.318E 00	2.467E 00	2.607E 00	2.740E 00
0.75	0.	0.	0.	0.	0.	0.	2.891E 00	3.076E 00	3.250E 00	3.416E 00
1.00	0.	0.	0.	0.	0.	0.	0.	0.	3.848E 00	4.043E 00

TIME VERSUS ETA

DELTA = 0.50 ALPHA = 1.00 PSI = 0.20

	OMEGA								
ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	9.479E-01	1.128E 00	1.284E 00	1.422E 00	1.548E 00	1.665E 00	1.774E 00	1.876E 00	1.974E 00
0.50	0.	0.	0.	0.	1.969E 00	2.142E 00	2.302E 00	2.451E 00	2.592E 00	2.726E 00
0.75	0.	0.	0.	0.	0.	0.	2.873E 00	3.059E 00	3.234E 00	3.401E 00
1.00	0.	0.	0.	0.	0.	0.	0.	0.	3.831E 00	4.028E 00

TIME VERSUS ETA

DELTA = 0.75 ALPHA = 1.00 PSI = 0.20

	OMEGA								
ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	9.210E-01	1.106E 00	1.264E 00	1.404E 00	1.532E 00	1.650E 00	1.760E 00	1.863E 00	1.961E 00
0.50	0.	0.	0.	0.	1.949E 00	2.124E 00	2.285E 00	2.435E 00	2.577E 00	2.712E 00
0.75	0.	0.	0.	0.	0.	0.	2.855E 00	3.042E 00	3.219E 00	3.386E 00
1.00	0.	0.	0.	0.	0.	0.	0.	0.	3.815E 00	4.012E 00

TIME VERSUS ETA

DELTA = 1.00 ALPHA = 1.00 PSI = 0.20

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	8.933E-01	1.083E 00	1.244E 00	1.386E 00	1.515E 00	1.634E 00	1.745E 00	1.849E 00	1.948E 00
0.50	0.	0.	0.	0.	1.929E 00	2.105E 00	2.268E 00	2.420E 00	2.562E 00	2.698E 00
0.75	0.	0.	0.	0.	0.	0.	2.837E 00	3.026E 00	3.203E 00	3.371E 00
1.00	0.	0.	0.	0.	0.	0.	0.	0.	3.799E 00	3.997E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

TIME VERSUS ETA

DELTA = 0. ALPHA = 0.20 PSI = 0.40

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.427E 00	1.954E 00	2.367E 00	2.718E 00	3.028E 00	3.309E 00	3.569E 00	3.810E 00	4.037E 00	4.252E 00
0.50	1.918E 00	2.620E 00	3.170E 00	3.638E 00	4.052E 00	4.427E 00	4.774E 00	5.096E 00	5.400E 00	5.687E 00
0.75	2.345E 00	3.197E 00	3.865E 00	4.434E 00	4.938E 00	5.395E 00	5.816E 00	6.208E 00	6.577E 00	6.927E 00
1.00	0.	3.719E 00	4.494E 00	5.153E 00	5.737E 00	6.267E 00	6.756E 00	7.211E 00	7.640E 00	8.045E 00
1.25	0.	4.203E 00	5.076E 00	5.819E 00	6.477E 00	7.075E 00	7.625E 00	8.139E 00	8.622E 00	9.079E 00
1.50	0.	0.	5.623E 00	6.445E 00	7.172E 00	7.833E 00	8.442E 00	9.010E 00	9.544E 00	1.005E 01
1.75	0.	0.	6.144E 00	7.039E 00	7.833E 00	8.554E 00	9.218E 00	9.837E 00	1.042E 01	1.097E 01
2.00	0.	0.	0.	7.609E 00	8.466E 00	9.244E 00	9.961E 00	1.063E 01	1.126E 01	1.185E 01
2.25	0.	0.	0.	8.159E 00	9.076E 00	9.909E 00	1.068E 01	1.139E 01	1.207E 01	1.270E 01
2.50	0.	0.	0.	8.691E 00	9.667E 00	1.055E 01	1.137E 01	1.213E 01	1.285E 01	1.353E 01
2.75	0.	0.	0.	0.	1.024E 01	1.118E 01	1.204E 01	1.285E 01	1.361E 01	1.433E 01
3.00	0.	0.	0.	0.	1.080E 01	1.179E 01	1.270E 01	1.355E 01	1.435E 01	1.511E 01
3.25	0.	0.	0.	0.	0.	1.238E 01	1.334E 01	1.423E 01	1.507E 01	1.587E 01
3.50	0.	0.	0.	0.	0.	1.297E 01	1.397E 01	1.490E 01	1.578E 01	1.661E 01
3.75	0.	0.	0.	0.	0.	0.	1.459E 01	1.556E 01	1.648E 01	1.735E 01
4.00	0.	0.	0.	0.	0.	0.	1.519E 01	1.621E 01	1.716E 01	1.806E 01
4.25	0.	0.	0.	0.	0.	0.	0.	1.684E 01	1.783E 01	1.877E 01
4.50	0.	0.	0.	0.	0.	0.	0.	1.747E 01	1.850E 01	1.947E 01
4.75	0.	0.	0.	0.	0.	0.	0.	1.809E 01	1.915E 01	2.016E 01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	1.980E 01	2.084E 01

TIME VERSUS ETA

DELTA = 0.25 ALPHA = 0.20 PSI = 0.40

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.409E 00	1.941E 00	2.356E 00	2.708E 00	3.020E 00	3.302E 00	3.561E 00	3.804E 00	4.031E 00	4.247E 00
0.50	1.897E 00	2.605E 00	3.158E 00	3.627E 00	4.042E 00	4.419E 00	4.766E 00	5.089E 00	5.393E 00	5.680E 00
0.75	2.323E 00	3.181E 00	3.852E 00	4.423E 00	4.927E 00	5.385E 00	5.807E 00	6.200E 00	6.570E 00	6.920E 00
1.00	0.	3.703E 00	4.480E 00	5.141E 00	5.727E 00	6.258E 00	6.747E 00	7.203E 00	7.632E 00	8.038E 00
1.25	0.	4.186E 00	5.062E 00	5.807E 00	6.466E 00	7.064E 00	7.616E 00	8.130E 00	8.614E 00	9.071E 00
1.50	0.	0.	5.609E 00	6.432E 00	7.161E 00	7.823E 00	8.432E 00	9.001E 00	9.536E 00	1.004E 01
1.75	0.	0.	6.129E 00	7.027E 00	7.822E 00	8.543E 00	9.208E 00	9.828E 00	1.041E 01	1.096E 01
2.00	0.	0.	0.	7.596E 00	8.454E 00	9.233E 00	9.951E 00	1.062E 01	1.125E 01	1.185E 01
2.25	0.	0.	0.	8.146E 00	9.064E 00	9.898E 00	1.067E 01	1.138E 01	1.206E 01	1.270E 01
2.50	0.	0.	0.	8.678E 00	9.655E 00	1.054E 01	1.136E 01	1.212E 01	1.284E 01	1.352E 01
2.75	0.	0.	0.	0.	1.023E 01	1.117E 01	1.203E 01	1.284E 01	1.360E 01	1.432E 01
3.00	0.	0.	0.	0.	1.079E 01	1.178E 01	1.269E 01	1.354E 01	1.434E 01	1.510E 01
3.25	0.	0.	0.	0.	0.	1.237E 01	1.333E 01	1.422E 01	1.506E 01	1.586E 01
3.50	0.	0.	0.	0.	0.	1.296E 01	1.396E 01	1.489E 01	1.577E 01	1.660E 01
3.75	0.	0.	0.	0.	0.	0.	1.458E 01	1.555E 01	1.647E 01	1.734E 01
4.00	0.	0.	0.	0.	0.	0.	1.518E 01	1.620E 01	1.715E 01	1.806E 01
4.25	0.	0.	0.	0.	0.	0.	0.	1.683E 01	1.782E 01	1.876E 01
4.50	0.	0.	0.	0.	0.	0.	0.	1.746E 01	1.849E 01	1.946E 01
4.75	0.	0.	0.	0.	0.	0.	0.	1.808E 01	1.914E 01	2.015E 01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	1.979E 01	2.083E 01

TIME VERSUS ETA

DELTA = 0.50 ALPHA = 0.20 PSI = 0.40

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.391E 00	1.928E 00	2.345E 00	2.699E 00	3.011E 00	3.294E 00	3.554E 00	3.797E 00	4.025E 00	4.241E 00
0.50	1.877E 00	2.590E 00	3.145E 00	3.616E 00	4.033E 00	4.410E 00	4.757E 00	5.081E 00	5.385E 00	5.673E 00
0.75	2.301E 00	3.165E 00	3.839E 00	4.411E 00	4.917E 00	5.376E 00	5.798E 00	6.192E 00	6.562E 00	6.912E 00
1.00	0.	3.686E 00	4.466E 00	5.129E 00	5.716E 00	6.248E 00	6.738E 00	7.194E 00	7.624E 00	8.030E 00
1.25	0.	4.169E 00	5.048E 00	5.794E 00	6.455E 00	7.054E 00	7.607E 00	8.121E 00	8.605E 00	9.063E 00
1.50	0.	0.	5.594E 00	6.420E 00	7.150E 00	7.812E 00	8.423E 00	8.992E 00	9.527E 00	1.003E 01
1.75	0.	0.	6.115E 00	7.014E 00	7.810E 00	8.533E 00	9.198E 00	9.819E 00	1.040E 01	1.096E 01
2.00	0.	0.	0.	7.584E 00	8.443E 00	9.222E 00	9.941E 00	1.061E 01	1.124E 01	1.184E 01
2.25	0.	0.	0.	8.133E 00	9.053E 00	9.887E 00	1.066E 01	1.137E 01	1.205E 01	1.269E 01
2.50	0.	0.	0.	8.665E 00	9.643E 00	1.053E 01	1.135E 01	1.211E 01	1.283E 01	1.351E 01
2.75	0.	0.	0.	0.	1.022E 01	1.116E 01	1.202E 01	1.283E 01	1.359E 01	1.431E 01
3.00	0.	0.	0.	0.	1.078E 01	1.177E 01	1.268E 01	1.353E 01	1.433E 01	1.509E 01
3.25	0.	0.	0.	0.	0.	1.236E 01	1.332E 01	1.421E 01	1.505E 01	1.585E 01
3.50	0.	0.	0.	0.	0.	1.295E 01	1.395E 01	1.488E 01	1.576E 01	1.660E 01
3.75	0.	0.	0.	0.	0.	0.	1.457E 01	1.554E 01	1.646E 01	1.733E 01
4.00	0.	0.	0.	0.	0.	0.	1.517E 01	1.619E 01	1.714E 01	1.805E 01
4.25	0.	0.	0.	0.	0.	0.	0.	1.682E 01	1.782E 01	1.876E 01
4.50	0.	0.	0.	0.	0.	0.	0.	1.745E 01	1.848E 01	1.945E 01
4.75	0.	0.	0.	0.	0.	0.	0.	1.807E 01	1.913E 01	2.014E 01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	1.978E 01	2.082E 01

TIME VERSUS ETA

DELTA = 0.75 ALPHA = 0.20 PSI = 0.40

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.373E 00	1.915E 00	2.335E 00	2.690E 00	3.003E 00	3.286E 00	3.547E 00	3.790E 00	4.019E 00	4.235E 00
0.50	1.856E 00	2.575E 00	3.133E 00	3.606E 00	4.023E 00	4.401E 00	4.749E 00	5.074E 00	5.378E 00	5.667E 00
0.75	2.279E 00	3.149E 00	3.826E 00	4.400E 00	4.907E 00	5.367E 00	5.790E 00	6.184E 00	6.554E 00	6.905E 00
1.00	0.	3.669E 00	4.453E 00	5.118E 00	5.705E 00	6.238E 00	6.729E 00	7.186E 00	7.616E 00	8.023E 00
1.25	0.	4.152E 00	5.033E 00	5.782E 00	6.444E 00	7.044E 00	7.597E 00	8.113E 00	8.597E 00	9.056E 00
1.50	0.	0.	5.580E 00	6.407E 00	7.139E 00	7.802E 00	8.413E 00	8.983E 00	9.519E 00	1.003E 01
1.75	0.	0.	6.100E 00	7.001E 00	7.799E 00	8.522E 00	9.189E 00	9.810E 00	1.039E 01	1.095E 01
2.00	0.	0.	0.	7.571E 00	8.431E 00	9.212E 00	9.931E 00	1.060E 01	1.123E 01	1.183E 01
2.25	0.	0.	0.	8.120E 00	9.041E 00	9.877E 00	1.065E 01	1.136E 01	1.204E 01	1.268E 01
2.50	0.	0.	0.	8.652E 00	9.631E 00	1.052E 01	1.134E 01	1.210E 01	1.282E 01	1.350E 01
2.75	0.	0.	0.	0.	1.021E 01	1.115E 01	1.201E 01	1.282E 01	1.358E 01	1.430E 01
3.00	0.	0.	0.	0.	1.077E 01	1.176E 01	1.267E 01	1.352E 01	1.432E 01	1.508E 01
3.25	0.	0.	0.	0.	0.	1.235E 01	1.331E 01	1.420E 01	1.505E 01	1.584E 01
3.50	0.	0.	0.	0.	0.	1.294E 01	1.394E 01	1.487E 01	1.575E 01	1.659E 01
3.75	0.	0.	0.	0.	0.	0.	1.456E 01	1.553E 01	1.645E 01	1.732E 01
4.00	0.	0.	0.	0.	0.	0.	1.516E 01	1.618E 01	1.713E 01	1.804E 01
4.25	0.	0.	0.	0.	0.	0.	0.	1.681E 01	1.781E 01	1.875E 01
4.50	0.	0.	0.	0.	0.	0.	0.	1.744E 01	1.847E 01	1.944E 01
4.75	0.	0.	0.	0.	0.	0.	0.	1.806E 01	1.912E 01	2.013E 01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	1.977E 01	2.081E 01

TIME VERSUS ETA

DELTA = 1.00 ALPHA = 0.20 PSI = 0.40

	OMEGA									
ETA	0.5	1.0	1.5	2.0	2.5	3.C	3.5	4.0	4.5	5.0
0.25	1.354E 00	1.902E 00	2.324E 00	2.680E 00	2.994E 00	3.279E 00	3.540E 00	3.784E 00	4.012E 00	4.229E 00
0.50	1.835E 00	2.560E 00	3.121E 00	3.595E 00	4.014E 00	4.393E 00	4.741E 00	5.066E 00	5.371E 00	5.660E 00
0.75	2.257E 00	3.133E 00	3.813E 00	4.388E 00	4.897E 00	5.357E 00	5.781E 00	6.176E 00	6.547E 00	6.898E 00
1.00	0.	3.652E 00	4.439E 00	5.106E 00	5.695E 00	6.228E 00	6.720E 00	7.177E 00	7.608E 00	8.015E 00
1.25	0.	4.135E 00	5.019E 00	5.770E 00	6.433E 00	7.034E 00	7.588E 00	8.104E 00	8.589E 00	9.048E 00
1.50	0.	0.	5.566E 00	6.394E 00	7.127E 00	7.792E 00	8.404E 00	8.974E 00	9.510E 00	1.002E 01
1.75	0.	0.	6.085E 00	6.988E 00	7.787E 00	8.512E 00	9.179E 00	9.801E 00	1.039E 01	1.094E 01
2.00	0.	0.	0.	7.558E 00	8.420E 00	9.201E 00	9.921E 00	1.059E 01	1.122E 01	1.182E 01
2.25	0.	0.	0.	8.107E 00	9.029E 00	9.866E 00	1.064E 01	1.136E 01	1.203E 01	1.267E 01
2.50	0.	0.	0.	8.638E 00	9.620E 00	1.051E 01	1.133E 01	1.209E 01	1.281E 01	1.349E 01
2.75	0.	0.	0.	0.	1.019E 01	1.113E 01	1.200E 01	1.281E 01	1.357E 01	1.429E 01
3.00	0.	0.	0.	0.	1.075E 01	1.174E 01	1.266E 01	1.351E 01	1.431E 01	1.507E 01
3.25	0.	0.	0.	0.	0.	1.234E 01	1.330E 01	1.420E 01	1.504E 01	1.583E 01
3.50	0.	0.	0.	0.	0.	1.293E 01	1.393E 01	1.486E 01	1.575E 01	1.658E 01
3.75	0.	0.	0.	0.	0.	0.	1.455E 01	1.552E 01	1.644E 01	1.731E 01
4.00	0.	0.	0.	0.	0.	0.	1.515E 01	1.617E 01	1.712E 01	1.803E 01
4.25	0.	0.	0.	0.	0.	0.	0.	1.680E 01	1.780E 01	1.874E 01
4.50	0.	0.	0.	0.	0.	0.	0.	1.743E 01	1.846E 01	1.944E 01
4.75	0.	0.	0.	0.	0.	0.	0.	1.805E 01	1.911E 01	2.012E 01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	1.976E 01	2.080E 01

TIME VERSUS ETA

DELTA = 0. ALPHA = 0.40 PSI = 0.40

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.078E 00	1.439E 00	1.726E 00	1.971E 00	2.190E 00	2.388E 00	2.571E 00	2.742E 00	2.903E 00	3.055E 00
0.50	0.	1.954E 00	2.341E 00	2.672E 00	2.967E 00	3.235E 00	3.483E 00	3.714E 00	3.931E 00	4.137E 00
0.75	0.	0.	2.883E 00	3.290E 00	3.651E 00	3.980E 00	4.284E 00	4.568E 00	4.835E 00	5.088E 00
1.00	0.	0.	3.380E 00	3.855E 00	4.278E 00	4.663E 00	5.018E 00	5.350E 00	5.662E 00	5.958E 00
1.25	0.	0.	0.	4.385E 00	4.865E 00	5.302E 00	5.705E 00	6.082E 00	6.437E 00	6.773E 00
1.50	0.	0.	0.	0.	5.423E 00	5.909E 00	6.358E 00	6.777E 00	7.172E 00	7.546E 00
1.75	0.	0.	0.	0.	0.	6.492E 00	6.984E 00	7.444E 00	7.877E 00	8.288E 00
2.00	0.	0.	0.	0.	0.	0.	7.589E 00	8.088E 00	8.558E 00	9.004E 00
2.25	0.	0.	0.	0.	0.	0.	0.	8.713E 00	9.219E 00	9.699E 00
2.50	0.	0.	0.	0.	0.	0.	0.	0.	9.863E 00	1.038E 01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.104E 01

TIME VERSUS ETA

DELTA = 0.25 ALPHA = 0.40 PSI = 0.40

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.054E 00	1.421E 00	1.711E 00	1.958E 00	2.178E 00	2.377E 00	2.561E 00	2.733E 00	2.894E 00	3.047E 00
0.50	0.	1.934E 00	2.324E 00	2.658E 00	2.954E 00	3.223E 00	3.471E 00	3.703E 00	3.921E 00	4.128E 00
0.75	0.	0.	2.865E 00	3.274E 00	3.637E 00	3.968E 00	4.272E 00	4.557E 00	4.824E 00	5.078E 00
1.00	0.	0.	3.362E 00	3.839E 00	4.264E 00	4.65CE 00	5.006E 00	5.338E 00	5.651E 00	5.948E 00
1.25	0.	0.	0.	4.369E 00	4.850E 00	5.288E 00	5.693E 00	6.070E 00	6.425E 00	6.762E 00
1.50	0.	0.	0.	0.	5.408E 00	5.895E 00	6.345E 00	6.765E 00	7.160E 00	7.535E 00
1.75	0.	0.	0.	0.	0.	6.477E 00	6.971E 00	7.431E 00	7.865E 00	8.276E 00
2.00	0.	0.	0.	0.	0.	0.	7.575E 00	8.075E 00	8.546E 00	8.992E 00
2.25	0.	0.	0.	0.	0.	0.	0.	8.700E 00	9.207E 00	9.687E 00
2.50	0.	0.	0.	0.	0.	0.	0.	0.	9.851E 00	1.036E 01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.103E 01

TIME VERSUS ETA

DELTA = 0.50 ALPHA = 0.40 PSI = 0.40

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.030E 00	1.403E 00	1.696E 00	1.945E 00	2.166E 00	2.367E 00	2.551E 00	2.723E 00	2.885E 00	3.039E 00
0.50	0.	1.914E 00	2.307E 00	2.643E 00	2.941E 00	3.211E 00	3.460E 00	3.693E 00	3.911E 00	4.118E 00
0.75	0.	0.	2.847E 00	3.259E 00	3.623E 00	3.955E 00	4.260E 00	4.545E 00	4.814E 00	5.068E 00
1.00	0.	0.	3.343E 00	3.823E 00	4.249E 00	4.636E 00	4.993E 00	5.327E 00	5.640E 00	5.937E 00
1.25	0.	0.	0.	4.352E 00	4.835E 00	5.274E 00	5.680E 00	6.058E 00	6.414E 00	6.751E 00
1.50	0.	0.	0.	0.	5.393E 00	5.881E 00	6.332E 00	6.753E 00	7.149E 00	7.524E 00
1.75	0.	0.	0.	0.	0.	6.463E 00	6.957E 00	7.419E 00	7.854E 00	8.265E 00
2.00	0.	0.	0.	0.	0.	0.	7.562E 00	8.063E 00	8.534E 00	8.981E 00
2.25	0.	0.	0.	0.	0.	0.	0.	8.688E 00	9.195E 00	9.676E 00
2.50	0.	0.	0.	0.	0.	0.	0.	0.	9.839E 00	1.035E 01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.102E 01

TIME VERSUS ETA

DELTA = 0.75 ALPHA = 0.40 PSI = 0.40

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.005E 00	1.385E 00	1.681E 00	1.932E 00	2.155E 00	2.356E 00	2.541E 00	2.714E 00	2.877E 00	3.030E 00
0.50	0.	1.893E 00	2.291E 00	2.628E 00	2.928E 00	3.199E 00	3.449E 00	3.682E 00	3.901E 00	4.109E 00
0.75	0.	0.	2.829E 00	3.243E 00	3.609E 00	3.942E 00	4.248E 00	4.534E 00	4.803E 00	5.058E 00
1.00	0.	0.	3.324E 00	3.806E 00	4.234E 00	4.623E 00	4.981E 00	5.315E 00	5.629E 00	5.927E 00
1.25	0.	0.	0.	4.335E 00	4.820E 00	5.261E 00	5.667E 00	6.046E 00	6.403E 00	6.740E 00
1.50	0.	0.	0.	0.	5.377E 00	5.867E 00	6.319E 00	6.740E 00	7.137E 00	7.513E 00
1.75	0.	0.	0.	0.	0.	6.449E 00	6.944E 00	7.407E 00	7.842E 00	8.254E 00
2.00	0.	0.	0.	0.	0.	0.	7.548E 00	8.050E 00	8.522E 00	8.970E 00
2.25	0.	0.	0.	0.	0.	0.	0.	8.675E 00	9.183E 00	9.665E 00
2.50	0.	0.	0.	0.	0.	0.	0.	0.	9.827E 00	1.034E 01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.100E 01

TIME VERSUS ETA

DELTA = 1.00 ALPHA = 0.40 PSI = 0.40

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	9.791E-01	1.366E 00	1.666E 00	1.919E 00	2.143E 00	2.345E 00	2.531E 00	2.705E 00	2.868E 00	3.022E 00
0.50	0.	1.872E 00	2.273E 00	2.614E 00	2.914E 00	3.187E 00	3.438E 00	3.672E 00	3.891E 00	4.099E 00
0.75	0.	0.	2.811E 00	3.227E 00	3.595E 00	3.929E 00	4.236E 00	4.523E 00	4.792E 00	5.048E 00
1.00	0.	0.	3.305E 00	3.790E 00	4.219E 00	4.609E 00	4.968E 00	5.303E 00	5.618E 00	5.916E 00
1.25	0.	0.	0.	4.318E 00	4.805E 00	5.247E 00	5.654E 00	6.034E 00	6.391E 00	6.729E 00
1.50	0.	0.	0.	0.	5.362E 00	5.853E 00	6.306E 00	6.728E 00	7.126E 00	7.502E 00
1.75	0.	0.	0.	0.	0.	6.434E 00	6.931E 00	7.394E 00	7.830E 00	8.243E 00
2.00	0.	0.	0.	0.	0.	0.	7.535E 00	8.037E 00	8.510E 00	8.958E 00
2.25	0.	0.	0.	0.	0.	0.	0.	8.662E 00	9.171E 00	9.653E 00
2.50	0.	0.	0.	0.	0.	0.	0.	0.	9.815E 00	1.033E 01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.099E 01

TIME VERSUS ETA

DELTA = 0. ALPHA = 0.60 PSI = 0.40

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	9.330E-01	1.219E 00	1.450E 00	1.649E 00	1.826E 00	1.988E 00	2.137E 00	2.277E 00	2.409E 00	2.533E 00
0.50	0.	1.673E 00	1.988E 00	2.259E 00	2.501E 00	2.722E 00	2.926E 00	3.117E 00	3.297E 00	3.467E 00
0.75	0.	0.	0.	2.803E 00	3.103E 00	3.376E 00	3.628E 00	3.865E 00	4.087E 00	4.298E 00
1.00	0.	0.	0.	0.	3.659E 00	3.980E 00	4.278E 00	4.556E 00	4.818E 00	5.066E 00
1.25	0.	0.	0.	0.	0.	0.	4.890E 00	5.208E 00	5.507E 00	5.791E 00
1.50	0.	0.	0.	0.	0.	0.	0.	5.831E 00	6.166E 00	6.484E 00
1.75	0.	0.	0.	0.	0.	0.	0.	0.	6.802E 00	7.152E 00

TIME VERSUS ETA

DELTA = 0.25 ALPHA = 0.60 PSI = 0.40

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	9.053E-01	1.198E 00	1.433E 00	1.634E 00	1.812E 00	1.975E 00	2.125E 00	2.266E 00	2.398E 00	2.523E 00
0.50	0.	1.649E 00	1.968E 00	2.242E 00	2.486E 00	2.708E 00	2.913E 00	3.104E 00	3.285E 00	3.456E 00
0.75	0.	0.	0.	2.785E 00	3.086E 00	3.360E 00	3.614E 00	3.851E 00	4.074E 00	4.286E 00
1.00	0.	0.	0.	0.	3.641E 00	3.964E 00	4.263E 00	4.542E 00	4.805E 00	5.054E 00
1.25	0.	0.	0.	0.	0.	0.	4.875E 00	5.194E 00	5.494E 00	5.778E 00
1.50	0.	0.	0.	0.	0.	0.	0.	5.817E 00	6.152E 00	6.471E 00
1.75	0.	0.	0.	0.	0.	0.	0.	0.	6.788E 00	7.139E 00

TIME VERSUS ETA

DELTA = 0.50 ALPHA = 0.60 PSI = 0.40

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	8.767E-01	1.177E 00	1.415E 00	1.618E 00	1.798E 00	1.962E 00	2.113E 00	2.255E 00	2.387E 00	2.513E 00
0.50	0.	0.	1.948E 00	2.224E 00	2.470E 00	2.693E 00	2.899E 00	3.092E 00	3.273E 00	3.444E 00
0.75	0.	0.	0.	2.766E 00	3.069E 00	3.345E 00	3.600E 00	3.838E 00	4.062E 00	4.274E 00
1.00	0.	0.	0.	0.	3.624E 00	3.948E 00	4.248E 00	4.528E 00	4.791E 00	5.041E 00
1.25	0.	0.	0.	0.	0.	0.	4.860E 00	5.179E 00	5.480E 00	5.765E 00
1.50	0.	0.	0.	0.	0.	0.	0.	5.802E 00	6.139E 00	6.457E 00
1.75	0.	0.	0.	0.	0.	0.	0.	0.	6.774E 00	7.125E 00

TIME VERSUS ETA

DELTA = 0.75 ALPHA = 0.60 PSI = 0.40

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	8.471E-01	1.155E 00	1.397E 00	1.602E 00	1.784E 00	1.949E 00	2.101E 00	2.243E 00	2.377E 00	2.503E 00
0.50	0.	0.	1.928E 00	2.207E 00	2.454E 00	2.679E 00	2.886E 00	3.079E 00	3.261E 00	3.433E 00
0.75	0.	0.	0.	2.747E 00	3.052E 00	3.329E 00	3.585E 00	3.824E 00	4.049E 00	4.262E 00
1.00	0.	0.	0.	0.	3.606E 00	3.932E 00	4.233E 00	4.514E 00	4.778E 00	5.028E 00
1.25	0.	0.	0.	0.	0.	0.	4.844E 00	5.165E 00	5.466E 00	5.752E 00
1.50	0.	0.	0.	0.	0.	0.	0.	5.787E 00	6.125E 00	6.444E 00
1.75	0.	0.	0.	0.	0.	0.	0.	0.	6.760E 00	7.112E 00

TIME VERSUS ETA

DELTA = 1.00 ALPHA = 0.60 PSI = 0.40

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	8.164E-01	1.133E 00	1.378E 00	1.586E 00	1.770E 00	1.936E 00	2.089E 00	2.232E 00	2.366E 00	2.493E 00
0.50	0.	0.	1.907E 00	2.189E 00	2.438E 00	2.664E 00	2.872E 00	3.066E 00	3.249E 00	3.422E 00
0.75	0.	0.	0.	2.728E 00	3.035E 00	3.314E 00	3.571E 00	3.811E 00	4.036E 00	4.250E 00
1.00	0.	0.	0.	0.	3.588E 00	3.916E 00	4.218E 00	4.500E 00	4.765E 00	5.016E 00
1.25	0.	0.	0.	0.	0.	0.	4.829E 00	5.150E 00	5.453E 00	5.739E 00
1.50	0.	0.	0.	0.	0.	0.	0.	5.773E 00	6.111E 00	6.431E 00
1.75	0.	0.	0.	0.	0.	0.	0.	0.	6.746E 00	7.098E 00

TIME VERSUS ETA

DELTA = 0. ALPHA = 0.80 PSI = 0.40

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	8.514E-01	1.093E 00	1.291E 00	1.461E 00	1.614E 00	1.754E 00	1.883E 00	2.004E 00	2.118E 00	2.227E 00
0.50	0.	0.	1.785E 00	2.020E 00	2.231E 00	2.424E 00	2.602E 00	2.769E 00	2.927E 00	3.076E 00
0.75	0.	0.	0.	0.	2.786E 00	3.026E 00	3.248E 00	3.457E 00	3.653E 00	3.839E 00
1.00	0.	0.	0.	0.	0.	0.	3.850E 00	4.096E 00	4.329E 00	4.550E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	4.970E 00	5.224E 00
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.871E 00

TIME VERSUS ETA

DELTA = 0.25 ALPHA = 0.80 PSI = 0.40

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.070E 00	1.271E 00	1.444E 00	1.598E 00	1.739E 00	1.870E 00	1.991E 00	2.106E 00	2.215E 00
0.50	0.	0.	1.762E 00	2.001E 00	2.213E 00	2.408E 00	2.587E 00	2.755E 00	2.913E 00	3.063E 00
0.75	0.	0.	0.	0.	2.767E 00	3.008E 00	3.232E 00	3.441E 00	3.639E 00	3.826E 00
1.00	0.	0.	0.	0.	0.	0.	3.833E 00	4.081E 00	4.314E 00	4.535E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	4.955E 00	5.209E 00
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.856E 00

TIME VERSUS ETA

DELTA = 0.50 ALPHA = 0.80 PSI = 0.40

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.046E 00	1.250E 00	1.426E 00	1.582E 00	1.725E 00	1.856E 00	1.979E 00	2.094E 00	2.204E 00
0.50	0.	0.	1.740E 00	1.981E 00	2.196E 00	2.391E 00	2.572E 00	2.741E 00	2.900E 00	3.050E 00
0.75	0.	0.	0.	0.	2.748E 00	2.991E 00	3.216E 00	3.426E 00	3.624E 00	3.812E 00
1.00	0.	0.	0.	0.	0.	0.	3.816E 00	4.065E 00	4.299E 00	4.521E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	4.940E 00	5.194E 00
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.841E 00

TIME VERSUS ETA

DELTA = 0.75 ALPHA = 0.80 PSI = 0.40

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.021E 00	1.230E 00	1.408E 00	1.566E 00	1.710E 00	1.842E 00	1.966E 00	2.082E 00	2.192E 00
0.50	0.	0.	1.717E 00	1.961E 00	2.177E 00	2.374E 00	2.556E 00	2.726E 00	2.886E 00	3.037E 00
0.75	0.	0.	0.	0.	2.728E 00	2.973E 00	3.199E 00	3.411E 00	3.610E 00	3.798E 00
1.00	0.	0.	0.	0.	0.	0.	3.799E 00	4.049E 00	4.284E 00	4.507E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	4.924E 00	5.180E 00
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.826E 00

TIME VERSUS ETA

DELTA = 1.00 ALPHA = 0.80 PSI = 0.40

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	9.954E-01	1.209E 00	1.390E 00	1.550E 00	1.695E 00	1.828E 00	1.953E 00	2.070E 00	2.180E 00
0.50	0.	0.	1.693E 00	1.940E 00	2.159E 00	2.358E 00	2.541E 00	2.712E 00	2.872E 00	3.024E 00
0.75	0.	0.	0.	0.	2.709E 00	2.956E 00	3.183E 00	3.395E 00	3.595E 00	3.784E 00
1.00	0.	0.	0.	0.	0.	0.	3.782E 00	4.033E 00	4.269E 00	4.492E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	4.909E 00	5.165E 00
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	5.811E 00

TIME VERSUS ETA

DELTA = 0. ALPHA = 1.00 PSI = 0.40

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.010E 00	1.184E 00	1.336E 00	1.472E 00	1.597E 00	1.713E 00	1.821E 00	1.923E 00	2.020E 00
0.50	0.	0.	0.	1.861E 00	2.051E 00	2.225E 00	2.386E 00	2.537E 00	2.679E 00	2.814E 00
0.75	0.	0.	0.	0.	0.	2.793E 00	2.995E 00	3.184E 00	3.363E 00	3.533E 00
1.00	0.	0.	0.	0.	0.	0.	0.	0.	4.003E 00	4.205E 00

TIME VERSUS ETA

DELTA = 0.25 ALPHA = 1.00 PSI = 0.40

	OMEGA								
ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	9.844E-01	1.163E 00	1.317E 00	1.455E 00	1.581E 00	1.698E 00	1.807E 00	1.910E 00	2.007E 00
0.50	0.	0.	0.	1.840E 00	2.032E 00	2.207E 00	2.369E 00	2.521E 00	2.664E 00	2.800E 00
0.75	0.	0.	0.	0.	0.	2.774E 00	2.977E 00	3.168E 00	3.347E 00	3.518E 00
1.00	0.	0.	0.	0.	0.	0.	0.	0.	3.987E 00	4.190E 00

TIME VERSUS ETA

DELTA = 0.50 ALPHA = 1.00 PSI = 0.40

	OMEGA								
ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	9.580E-01	1.140E 00	1.297E 00	1.437E 00	1.565E 00	1.683E 00	1.793E 00	1.896E 00	1.995E 00
0.50	0.	0.	0.	1.818E 00	2.012E 00	2.189E 00	2.352E 00	2.505E 00	2.649E 00	2.786E 00
0.75	0.	0.	0.	0.	0.	2.755E 00	2.959E 00	3.151E 00	3.331E 00	3.503E 00
1.00	0.	0.	0.	0.	0.	0.	0.	0.	3.971E 00	4.174E 00

TIME VERSUS ETA

DELTA = 0.75 ALPHA = 1.00 PSI = 0.40

	OMEGA								
ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	9.309E-01	1.118E 00	1.277E 00	1.419E 00	1.548E 00	1.667E 00	1.778E 00	1.883E 00	1.982E 00
0.50	0.	0.	0.	1.796E 00	1.992E 00	2.170E 00	2.335E 00	2.489E 00	2.634E 00	2.771E 00
0.75	0.	0.	0.	0.	0.	2.735E 00	2.941E 00	3.134E 00	3.315E 00	3.487E 00
1.00	0.	0.	0.	0.	0.	0.	0.	0.	3.954E 00	4.158E 00

TIME VERSUS ETA

DELTA = 1.00 ALPHA = 1.00 PSI = 0.40

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	9.029E-01	1.095E 00	1.257E 00	1.401E 00	1.532E 00	1.652E 00	1.764E 00	1.869E 00	1.969E 00
0.50	0.	0.	0.	1.774E 00	1.972E 00	2.152E 00	2.318E 00	2.473E 00	2.619E 00	2.757E 00
0.75	0.	0.	0.	0.	0.	2.716E 00	2.923E 00	3.117E 00	3.299E 00	3.472E 00
1.00	0.	0.	0.	0.	0.	0.	0.	0.	3.937E 00	4.142E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

TIME VERSUS ETA

DELTA = 0. ALPHA = 0.20 PSI = 0.60

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.434E 00	1.963E 00	2.378E 00	2.730E 00	3.042E 00	3.325E 00	3.585E 00	3.828E 00	4.056E 00	4.272E 00
0.50	1.939E 00	2.649E 00	3.205E 00	3.678E 00	4.096E 00	4.476E 00	4.826E 00	5.152E 00	5.459E 00	5.750E 00
0.75	2.383E 00	3.248E 00	3.927E 00	4.505E 00	5.017E 00	5.481E 00	5.909E 00	6.308E 00	6.683E 00	7.038E 00
1.00	0.	3.795E 00	4.586E 00	5.259E 00	5.855E 00	6.395E 00	6.894E 00	7.359E 00	7.796E 00	8.210E 00
1.25	0.	4.306E 00	5.200E 00	5.961E 00	6.635E 00	7.247E 00	7.811E 00	8.337E 00	8.832E 00	9.300E 00
1.50	0.	4.790E 00	5.781E 00	6.625E 00	7.373E 00	8.052E 00	8.678E 00	9.261E 00	9.811E 00	1.033E 01
1.75	0.	0.	6.336E 00	7.260E 00	8.078E 00	8.821E 00	9.506E 00	1.014E 01	1.075E 01	1.131E 01
2.00	0.	0.	6.872E 00	7.871E 00	8.757E 00	9.561E 00	1.030E 01	1.099E 01	1.164E 01	1.226E 01
2.25	0.	0.	0.	8.463E 00	9.414E 00	1.028E 01	1.107E 01	1.182E 01	1.252E 01	1.318E 01
2.50	0.	0.	0.	9.039E 00	1.005E 01	1.097E 01	1.182E 01	1.262E 01	1.336E 01	1.407E 01
2.75	0.	0.	0.	0.	1.068E 01	1.165E 01	1.255E 01	1.340E 01	1.419E 01	1.494E 01
3.00	0.	0.	0.	0.	1.129E 01	1.232E 01	1.327E 01	1.416E 01	1.499E 01	1.578E 01
3.25	0.	0.	0.	0.	0.	1.297E 01	1.397E 01	1.491E 01	1.578E 01	1.662E 01
3.50	0.	0.	0.	0.	0.	1.361E 01	1.466E 01	1.564E 01	1.656E 01	1.743E 01
3.75	0.	0.	0.	0.	0.	0.	1.534E 01	1.636E 01	1.733E 01	1.824E 01
4.00	0.	0.	0.	0.	0.	0.	1.601E 01	1.708E 01	1.808E 01	1.903E 01
4.25	0.	0.	0.	0.	0.	0.	0.	1.778E 01	1.882E 01	1.982E 01
4.50	0.	0.	0.	0.	0.	0.	0.	1.847E 01	1.956E 01	2.059E 01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	2.029E 01	2.135E 01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	2.100E 01	2.211E 01

TIME VERSUS ETA

DELTA = 0.25 ALPHA = 0.20 PSI = 0.60

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.416E 00	1.950E 00	2.367E 00	2.721E 00	3.034E 00	3.317E 00	3.578E 00	3.821E 00	4.050E 00	4.266E 00
0.50	1.919E 00	2.634E 00	3.193E 00	3.667E 00	4.087E 00	4.467E 00	4.818E 00	5.145E 00	5.452E 00	5.743E 00
0.75	2.361E 00	3.232E 00	3.914E 00	4.494E 00	5.007E 00	5.472E 00	5.900E 00	6.300E 00	6.675E 00	7.031E 00
1.00	0.	3.779E 00	4.572E 00	5.247E 00	5.844E 00	6.386E 00	6.885E 00	7.350E 00	7.788E 00	8.202E 00
1.25	0.	4.289E 00	5.185E 00	5.948E 00	6.624E 00	7.237E 00	7.801E 00	8.328E 00	8.823E 00	9.292E 00
1.50	0.	4.772E 00	5.766E 00	6.612E 00	7.362E 00	8.041E 00	8.668E 00	9.252E 00	9.802E 00	1.032E 01
1.75	0.	0.	6.322E 00	7.247E 00	8.066E 00	8.810E 00	9.496E 00	1.014E 01	1.074E 01	1.131E 01
2.00	0.	0.	6.857E 00	7.858E 00	8.745E 00	9.550E 00	1.029E 01	1.098E 01	1.164E 01	1.225E 01
2.25	0.	0.	0.	8.450E 00	9.402E 00	1.027E 01	1.106E 01	1.181E 01	1.251E 01	1.317E 01
2.50	0.	0.	0.	9.025E 00	1.004E 01	1.096E 01	1.181E 01	1.261E 01	1.335E 01	1.406E 01
2.75	0.	0.	0.	0.	1.066E 01	1.164E 01	1.254E 01	1.339E 01	1.418E 01	1.493E 01
3.00	0.	0.	0.	0.	1.127E 01	1.231E 01	1.326E 01	1.415E 01	1.498E 01	1.578E 01
3.25	0.	0.	0.	0.	0.	1.296E 01	1.396E 01	1.490E 01	1.578E 01	1.661E 01
3.50	0.	0.	0.	0.	0.	1.360E 01	1.465E 01	1.563E 01	1.655E 01	1.743E 01
3.75	0.	0.	0.	0.	0.	0.	1.533E 01	1.635E 01	1.732E 01	1.823E 01
4.00	0.	0.	0.	0.	0.	0.	1.600E 01	1.707E 01	1.807E 01	1.902E 01
4.25	0.	0.	0.	0.	0.	0.	0.	1.777E 01	1.882E 01	1.981E 01
4.50	0.	0.	0.	0.	0.	0.	0.	1.846E 01	1.955E 01	2.058E 01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	2.028E 01	2.134E 01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	2.099E 01	2.210E 01

TIME VERSUS ETA

DELTA = 0.50 ALPHA = 0.20 PSI = 0.60

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.398E 00	1.937E 00	2.356E 00	2.712E 00	3.025E 00	3.309E 00	3.571E 00	3.815E 00	4.044E 00	4.260E 00
0.50	1.898E 00	2.619E 00	3.180E 00	3.656E 00	4.077E 00	4.459E 00	4.810E 00	5.137E 00	5.445E 00	5.736E 00
0.75	2.339E 00	3.216E 00	3.901E 00	4.482E 00	4.997E 00	5.462E 00	5.892E 00	6.292E 00	6.668E 00	7.024E 00
1.00	0.	3.762E 00	4.558E 00	5.235E 00	5.833E 00	6.376E 00	6.876E 00	7.342E 00	7.780E 00	8.194E 00
1.25	0.	4.272E 00	5.171E 00	5.936E 00	6.613E 00	7.227E 00	7.792E 00	8.319E 00	8.815E 00	9.284E 00
1.50	0.	4.755E 00	5.752E 00	6.599E 00	7.350E 00	8.031E 00	8.658E 00	9.243E 00	9.793E 00	1.031E 01
1.75	0.	0.	6.307E 00	7.234E 00	8.055E 00	8.800E 00	9.486E 00	1.013E 01	1.073E 01	1.130E 01
2.00	0.	0.	6.842E 00	7.845E 00	8.733E 00	9.539E 00	1.028E 01	1.098E 01	1.163E 01	1.224E 01
2.25	0.	0.	0.	8.437E 00	9.390E 00	1.026E 01	1.105E 01	1.180E 01	1.250E 01	1.316E 01
2.50	0.	0.	0.	9.012E 00	1.003E 01	1.095E 01	1.180E 01	1.260E 01	1.334E 01	1.405E 01
2.75	0.	0.	0.	0.	1.065E 01	1.163E 01	1.253E 01	1.338E 01	1.417E 01	1.492E 01
3.00	0.	0.	0.	0.	1.126E 01	1.230E 01	1.325E 01	1.414E 01	1.498E 01	1.577E 01
3.25	0.	0.	0.	0.	0.	1.295E 01	1.395E 01	1.489E 01	1.577E 01	1.660E 01
3.50	0.	0.	0.	0.	0.	1.359E 01	1.464E 01	1.562E 01	1.654E 01	1.742E 01
3.75	0.	0.	0.	0.	0.	0.	1.532E 01	1.634E 01	1.731E 01	1.822E 01
4.00	0.	0.	0.	0.	0.	0.	1.599E 01	1.706E 01	1.806E 01	1.902E 01
4.25	0.	0.	0.	0.	0.	0.	0.	1.776E 01	1.881E 01	1.980E 01
4.50	0.	0.	0.	0.	0.	0.	0.	1.845E 01	1.954E 01	2.057E 01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	2.027E 01	2.133E 01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	2.099E 01	2.209E 01

TIME VERSUS ETA

DELTA = 0.75 ALPHA = 0.20 PSI = 0.60

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.379E 00	1.924E 00	2.346E 00	2.702E 00	3.017E 00	3.302E 00	3.564E 00	3.808E 00	4.037E 00	4.254E 00
0.50	1.877E 00	2.604E 00	3.168E 00	3.646E 00	4.068E 00	4.450E 00	4.802E 00	5.130E 00	5.438E 00	5.729E 00
0.75	2.317E 00	3.200E 00	3.888E 00	4.471E 00	4.986E 00	5.453E 00	5.883E 00	6.283E 00	6.660E 00	7.016E 00
1.00	0.	3.745E 00	4.544E 00	5.223E 00	5.822E 00	6.366E 00	6.866E 00	7.333E 00	7.772E 00	8.187E 00
1.25	0.	4.254E 00	5.157E 00	5.924E 00	6.602E 00	7.216E 00	7.783E 00	8.310E 00	8.807E 00	9.276E 00
1.50	0.	4.737E 00	5.737E 00	6.587E 00	7.339E 00	8.021E 00	8.649E 00	9.234E 00	9.785E 00	1.031E 01
1.75	0.	0.	6.292E 00	7.221E 00	8.043E 00	8.789E 00	9.476E 00	1.012E 01	1.072E 01	1.129E 01
2.00	0.	0.	6.827E 00	7.832E 00	8.722E 00	9.529E 00	1.027E 01	1.097E 01	1.162E 01	1.224E 01
2.25	0.	0.	0.	8.423E 00	9.378E 00	1.024E 01	1.104E 01	1.179E 01	1.249E 01	1.315E 01
2.50	0.	0.	0.	8.999E 00	1.002E 01	1.094E 01	1.179E 01	1.259E 01	1.333E 01	1.404E 01
2.75	0.	0.	0.	0.	1.064E 01	1.162E 01	1.252E 01	1.337E 01	1.416E 01	1.491E 01
3.00	0.	0.	0.	0.	1.125E 01	1.229E 01	1.324E 01	1.413E 01	1.497E 01	1.576E 01
3.25	0.	0.	0.	0.	0.	1.294E 01	1.394E 01	1.488E 01	1.576E 01	1.659E 01
3.50	0.	0.	0.	0.	0.	1.358E 01	1.463E 01	1.561E 01	1.653E 01	1.741E 01
3.75	0.	0.	0.	0.	0.	0.	1.531E 01	1.633E 01	1.730E 01	1.821E 01
4.00	0.	0.	0.	0.	0.	0.	1.598E 01	1.705E 01	1.805E 01	1.901E 01
4.25	0.	0.	0.	0.	0.	0.	0.	1.775E 01	1.880E 01	1.979E 01
4.50	0.	0.	0.	0.	0.	0.	0.	1.844E 01	1.953E 01	2.056E 01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	2.026E 01	2.133E 01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	2.098E 01	2.208E 01

TIME VERSUS ETA

DELTA = 1.00 ALPHA = 0.20 PSI = 0.60

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.361E 00	1.911E 00	2.335E 00	2.693E 00	3.008E 00	3.294E 00	3.557E 00	3.801E 00	4.031E 00	4.248E 00
0.50	1.856E 00	2.589E 00	3.156E 00	3.635E 00	4.058E 00	4.441E 00	4.794E 00	5.122E 00	5.430E 00	5.722E 00
0.75	2.294E 00	3.184E 00	3.875E 00	4.459E 00	4.976E 00	5.444E 00	5.874E 00	6.275E 00	6.652E 00	7.009E 00
1.00	0.	3.728E 00	4.530E 00	5.211E 00	5.812E 00	6.356E 00	6.857E 00	7.324E 00	7.763E 00	8.179E 00
1.25	0.	4.237E 00	5.143E 00	5.911E 00	6.590E 00	7.206E 00	7.773E 00	8.302E 00	8.798E 00	9.268E 00
1.50	0.	4.719E 00	5.722E 00	6.574E 00	7.327E 00	8.010E 00	8.639E 00	9.225E 00	9.776E 00	1.030E 01
1.75	0.	0.	6.277E 00	7.208E 00	8.032E 00	8.778E 00	9.466E 00	1.011E 01	1.071E 01	1.128E 01
2.00	0.	0.	6.812E 00	7.819E 00	8.710E 00	9.518E 00	1.026E 01	1.096E 01	1.161E 01	1.223E 01
2.25	0.	0.	0.	8.410E 00	9.366E 00	1.023E 01	1.103E 01	1.178E 01	1.248E 01	1.314E 01
2.50	0.	0.	0.	8.985E 00	1.001E 01	1.093E 01	1.178E 01	1.258E 01	1.333E 01	1.403E 01
2.75	0.	0.	0.	0.	1.063E 01	1.161E 01	1.251E 01	1.336E 01	1.415E 01	1.490E 01
3.00	0.	0.	0.	0.	1.124E 01	1.227E 01	1.323E 01	1.412E 01	1.496E 01	1.575E 01
3.25	0.	0.	0.	0.	0.	1.293E 01	1.393E 01	1.487E 01	1.575E 01	1.658E 01
3.50	0.	0.	0.	0.	0.	1.357E 01	1.462E 01	1.560E 01	1.653E 01	1.740E 01
3.75	0.	0.	0.	0.	0.	0.	1.530E 01	1.632E 01	1.729E 01	1.820E 01
4.00	0.	0.	0.	0.	0.	0.	1.597E 01	1.704E 01	1.804E 01	1.900E 01
4.25	0.	0.	0.	0.	0.	0.	0.	1.774E 01	1.879E 01	1.978E 01
4.50	0.	0.	0.	0.	0.	0.	0.	1.843E 01	1.952E 01	2.055E 01
4.75	0.	0.	0.	0.	0.	0.	0.	0.	2.025E 01	2.132E 01
5.00	0.	0.	0.	0.	0.	0.	0.	0.	2.097E 01	2.207E 01

TIME VERSUS ETA

DELTA = 0. ALPHA = 0.40 PSI = 0.60

	OMEGA									
ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.088E 00	1.452E 00	1.741E 00	1.989E 00	2.209E 00	2.409E 00	2.594E 00	2.767E 00	2.929E 00	3.083E 00
0.50	1.498E 00	1.993E 00	2.388E 00	2.726E 00	3.026E 00	3.300E 00	3.552E 00	3.788E 00	4.009E 00	4.219E 00
0.75	0.	2.477E 00	2.965E 00	3.383E 00	3.755E 00	4.093E 00	4.405E 00	4.697E 00	4.971E 00	5.231E 00
1.00	0.	0.	3.499E 00	3.991E 00	4.428E 00	4.826E 00	5.194E 00	5.537E 00	5.861E 00	6.167E 00
1.25	0.	0.	0.	4.565E 00	5.065E 00	5.519E 00	5.939E 00	6.331E 00	6.700E 00	7.050E 00
1.50	0.	0.	0.	0.	5.674E 00	6.182E 00	6.651E 00	7.090E 00	7.503E 00	7.894E 00
1.75	0.	0.	0.	0.	0.	6.821E 00	7.339E 00	7.822E 00	8.277E 00	8.708E 00
2.00	0.	0.	0.	0.	0.	0.	8.006E 00	8.533E 00	9.029E 00	9.499E 00
2.25	0.	0.	0.	0.	0.	0.	0.	9.226E 00	9.762E 00	1.027E 01
2.50	0.	0.	0.	0.	0.	0.	0.	0.	1.048E 01	1.102E 01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.176E 01

TIME VERSUS ETA

DELTA = 0.25 ALPHA = 0.40 PSI = 0.60

	OMEGA									
ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.064E 00	1.434E 00	1.726E 00	1.976E 00	2.198E 00	2.399E 00	2.584E 00	2.757E 00	2.920E 00	3.074E 00
0.50	1.471E 00	1.973E 00	2.371E 00	2.711E 00	3.013E 00	3.288E 00	3.541E 00	3.777E 00	3.999E 00	4.210E 00
0.75	0.	2.455E 00	2.947E 00	3.367E 00	3.740E 00	4.080E 00	4.393E 00	4.685E 00	4.961E 00	5.221E 00
1.00	0.	0.	3.480E 00	3.974E 00	4.414E 00	4.813E 00	5.181E 00	5.525E 00	5.849E 00	6.156E 00
1.25	0.	0.	0.	4.548E 00	5.049E 00	5.505E 00	5.926E 00	6.319E 00	6.688E 00	7.039E 00
1.50	0.	0.	0.	0.	5.658E 00	6.168E 00	6.638E 00	7.077E 00	7.491E 00	7.883E 00
1.75	0.	0.	0.	0.	0.	6.807E 00	7.325E 00	7.809E 00	8.265E 00	8.697E 00
2.00	0.	0.	0.	0.	0.	0.	7.992E 00	8.520E 00	9.016E 00	9.487E 00
2.25	0.	0.	0.	0.	0.	0.	0.	9.213E 00	9.749E 00	1.026E 01
2.50	0.	0.	0.	0.	0.	0.	0.	0.	1.047E 01	1.101E 01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.175E 01

TIME VERSUS ETA

DELTA = 0.50 ALPHA = 0.40 PSI = 0.60

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.039E 00	1.416E 00	1.711E 00	1.963E 00	2.186E 00	2.388E 00	2.574E 00	2.748E 00	2.911E 00	3.066E 00
0.50	1.443E 00	1.952E 00	2.354E 00	2.696E 00	3.000E 00	3.275E 00	3.529E 00	3.766E 00	3.989E 00	4.200E 00
0.75	0.	2.433E 00	2.928E 00	3.351E 00	3.726E 00	4.067E 00	4.381E 00	4.674E 00	4.950E 00	5.211E 00
1.00	0.	0.	3.461E 00	3.958E 00	4.399E 00	4.799E 00	5.169E 00	5.514E 00	5.838E 00	6.146E 00
1.25	0.	0.	0.	4.531E 00	5.034E 00	5.491E 00	5.913E 00	6.306E 00	6.677E 00	7.028E 00
1.50	0.	0.	0.	0.	5.642E 00	6.153E 00	6.625E 00	7.065E 00	7.479E 00	7.871E 00
1.75	0.	0.	0.	0.	0.	6.792E 00	7.312E 00	7.796E 00	8.253E 00	8.685E 00
2.00	0.	0.	0.	0.	0.	0.	7.979E 00	8.507E 00	9.004E 00	9.476E 00
2.25	0.	0.	0.	0.	0.	0.	0.	9.200E 00	9.737E 00	1.025E 01
2.50	0.	0.	0.	0.	0.	0.	0.	0.	1.045E 01	1.100E 01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.174E 01

TIME VERSUS ETA

DELTA = 0.75 ALPHA = 0.40 PSI = 0.60

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	1.014E 00	1.397E 00	1.696E 00	1.950E 00	2.174E 00	2.377E 00	2.564E 00	2.738E 00	2.902E 00	3.057E 00
0.50	1.414E 00	1.932E 00	2.337E 00	2.681E 00	2.986E 00	3.263E 00	3.518E 00	3.756E 00	3.979E 00	4.191E 00
0.75	0.	2.411E 00	2.910E 00	3.335E 00	3.712E 00	4.054E 00	4.369E 00	4.663E 00	4.939E 00	5.201E 00
1.00	0.	0.	3.442E 00	3.941E 00	4.384E 00	4.785E 00	5.156E 00	5.502E 00	5.827E 00	6.135E 00
1.25	0.	0.	0.	4.514E 00	5.019E 00	5.477E 00	5.900E 00	6.294E 00	6.665E 00	7.017E 00
1.50	0.	0.	0.	0.	5.627E 00	6.139E 00	6.611E 00	7.052E 00	7.467E 00	7.860E 00
1.75	0.	0.	0.	0.	0.	6.778E 00	7.298E 00	7.784E 00	8.241E 00	8.674E 00
2.00	0.	0.	0.	0.	0.	0.	7.965E 00	8.494E 00	8.992E 00	9.464E 00
2.25	0.	0.	0.	0.	0.	0.	0.	9.187E 00	9.725E 00	1.023E 01
2.50	0.	0.	0.	0.	0.	0.	0.	0.	1.044E 01	1.099E 01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.173E 01

TIME VERSUS ETA

DELTA = 1.00 ALPHA = 0.40 PSI = 0.60

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	9.880E-01	1.379E 00	1.681E 00	1.936E 00	2.162E 00	2.366E 00	2.554E 00	2.729E 00	2.893E 00	3.049E 00
0.50	0.	1.911E 00	2.319E 00	2.666E 00	2.973E 00	3.251E 00	3.507E 00	3.745E 00	3.969E 00	4.181E 00
0.75	0.	2.389E 00	2.891E 00	3.319E 00	3.697E 00	4.040E 00	4.356E 00	4.651E 00	4.928E 00	5.191E 00
1.00	0.	0.	3.423E 00	3.924E 00	4.368E 00	4.772E 00	5.143E 00	5.490E 00	5.816E 00	6.124E 00
1.25	0.	0.	0.	4.497E 00	5.003E 00	5.463E 00	5.886E 00	6.282E 00	6.654E 00	7.006E 00
1.50	0.	0.	0.	0.	5.611E 00	6.124E 00	6.598E 00	7.040E 00	7.455E 00	7.849E 00
1.75	0.	0.	0.	0.	0.	6.763E 00	7.284E 00	7.771E 00	8.229E 00	8.662E 00
2.00	0.	0.	0.	0.	0.	0.	7.951E 00	8.481E 00	8.980E 00	9.452E 00
2.25	0.	0.	0.	0.	0.	0.	0.	9.174E 00	9.712E 00	1.022E 01
2.50	0.	0.	0.	0.	0.	0.	0.	0.	1.043E 01	1.098E 01
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	1.172E 01

TIME VERSUS ETA

DELTA = 0. ALPHA = 0.60 PSI = 0.60

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	9.451E-01	1.235E 00	1.469E 00	1.670E 00	1.850E 00	2.014E 00	2.165E 00	2.306E 00	2.440E 00	2.566E 00
0.50	0.	1.719E 00	2.043E 00	2.321E 00	2.570E 00	2.797E 00	3.007E 00	3.203E 00	3.387E 00	3.562E 00
0.75	0.	0.	2.561E 00	2.910E 00	3.221E 00	3.504E 00	3.766E 00	4.011E 00	4.242E 00	4.461E 00
1.00	0.	0.	0.	0.	3.828E 00	4.165E 00	4.476E 00	4.767E 00	5.041E 00	5.301E 00
1.25	0.	0.	0.	0.	0.	4.794E 00	5.151E 00	5.486E 00	5.801E 00	6.100E 00
1.50	0.	0.	0.	0.	0.	0.	0.	6.178E 00	6.533E 00	6.869E 00
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.615E 00

TIME VERSUS ETA

DELTA = 0.25 ALPHA = 0.60 PSI = 0.60

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	9.171E-01	1.214E 00	1.451E 00	1.655E 00	1.836E 00	2.001E 00	2.153E 00	2.295E 00	2.429E 00	2.556E 00
0.50	0.	1.695E 00	2.023E 00	2.304E 00	2.554E 00	2.782E 00	2.993E 00	3.190E 00	3.375E 00	3.551E 00
0.75	0.	0.	2.540E 00	2.891E 00	3.204E 00	3.488E 00	3.752E 00	3.998E 00	4.229E 00	4.449E 00
1.00	0.	0.	0.	0.	3.811E 00	4.148E 00	4.461E 00	4.753E 00	5.027E 00	5.288E 00
1.25	0.	0.	0.	0.	0.	4.777E 00	5.136E 00	5.471E 00	5.787E 00	6.087E 00
1.50	0.	0.	0.	0.	0.	0.	0.	6.163E 00	6.518E 00	6.855E 00
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.601E 00

TIME VERSUS ETA

DELTA = 0.50 ALPHA = 0.60 PSI = 0.60

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	8.882E-01	1.192E 00	1.433E 00	1.639E 00	1.822E 00	1.988E 00	2.141E 00	2.284E 00	2.418E 00	2.546E 00
0.50	0.	1.671E 00	2.002E 00	2.286E 00	2.538E 00	2.767E 00	2.979E 00	3.177E 00	3.363E 00	3.539E 00
0.75	0.	0.	0.	2.872E 00	3.186E 00	3.473E 00	3.737E 00	3.984E 00	4.216E 00	4.437E 00
1.00	0.	0.	0.	0.	3.793E 00	4.132E 00	4.445E 00	4.738E 00	5.014E 00	5.275E 00
1.25	0.	0.	0.	0.	0.	4.760E 00	5.120E 00	5.456E 00	5.773E 00	6.073E 00
1.50	0.	0.	0.	0.	0.	0.	0.	6.148E 00	6.504E 00	6.842E 00
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.588E 00

TIME VERSUS ETA

DELTA = 0.75 ALPHA = 0.60 PSI = 0.60

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	8.583E-01	1.170E 00	1.415E 00	1.623E 00	1.807E 00	1.975E 00	2.129E 00	2.272E 00	2.407E 00	2.535E 00
0.50	0.	1.646E 00	1.981E 00	2.268E 00	2.522E 00	2.753E 00	2.965E 00	3.164E 00	3.351E 00	3.528E 00
0.75	0.	0.	0.	2.852E 00	3.169E 00	3.457E 00	3.722E 00	3.970E 00	4.203E 00	4.424E 00
1.00	0.	0.	0.	0.	3.775E 00	4.115E 00	4.430E 00	4.724E 00	5.000E 00	5.262E 00
1.25	0.	0.	0.	0.	0.	0.	5.104E 00	5.442E 00	5.759E 00	6.060E 00
1.50	0.	0.	0.	0.	0.	0.	0.	6.133E 00	6.490E 00	6.828E 00
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.574E 00

TIME VERSUS ETA

DELTA = 1.00 ALPHA = 0.60 PSI = 0.60

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	8.272E-01	1.148E 00	1.396E 00	1.607E 00	1.793E 00	1.961E 00	2.116E 00	2.261E 00	2.397E 00	2.525E 00
0.50	0.	1.621E 00	1.961E 00	2.250E 00	2.506E 00	2.738E 00	2.952E 00	3.151E 00	3.338E 00	3.516E 00
0.75	0.	0.	0.	2.833E 00	3.152E 00	3.441E 00	3.707E 00	3.956E 00	4.190E 00	4.412E 00
1.00	0.	0.	0.	0.	3.756E 00	4.099E 00	4.415E 00	4.709E 00	4.987E 00	5.249E 00
1.25	0.	0.	0.	0.	0.	0.	5.088E 00	5.427E 00	5.745E 00	6.047E 00
1.50	0.	0.	0.	0.	0.	0.	0.	6.118E 00	6.476E 00	6.815E 00
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	7.560E 00

TIME VERSUS ETA

DELTA = 0. ALPHA = 0.80 PSI = 0.60

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	8.656E-01	1.111E 00	1.312E 00	1.486E 00	1.641E 00	1.783E 00	1.915E 00	2.038E 00	2.154E 00	2.264E 00
0.50	0.	0.	1.845E 00	2.089E 00	2.307E 00	2.506E 00	2.691E 00	2.863E 00	3.026E 00	3.181E 00
0.75	0.	0.	0.	0.	2.914E 00	3.165E 00	3.398E 00	3.616E 00	3.821E 00	4.016E 00
1.00	0.	0.	0.	0.	0.	0.	4.063E 00	4.324E 00	4.569E 00	4.802E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	5.285E 00	5.554E 00

TIME VERSUS ETA

DELTA = 0.25 ALPHA = 0.80 PSI = 0.60

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	8.347E-01	1.088E 00	1.292E 00	1.468E 00	1.625E 00	1.768E 00	1.901E 00	2.025E 00	2.141E 00	2.252E 00
0.50	0.	0.	1.823E 00	2.069E 00	2.289E 00	2.490E 00	2.675E 00	2.849E 00	3.012E 00	3.167E 00
0.75	0.	0.	0.	0.	2.895E 00	3.147E 00	3.381E 00	3.600E 00	3.806E 00	4.002E 00
1.00	0.	0.	0.	0.	0.	0.	4.046E 00	4.307E 00	4.554E 00	4.787E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	5.269E 00	5.539E 00

TIME VERSUS ETA

DELTA = 0.50 ALPHA = 0.80 PSI = 0.60

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	8.025E-01	1.063E 00	1.271E 00	1.450E 00	1.609E 00	1.753E 00	1.887E 00	2.012E 00	2.129E 00	2.240E 00
0.50	0.	0.	1.799E 00	2.049E 00	2.271E 00	2.473E 00	2.659E 00	2.834E 00	2.998E 00	3.154E 00
0.75	0.	0.	0.	0.	2.875E 00	3.129E 00	3.365E 00	3.584E 00	3.792E 00	3.988E 00
1.00	0.	0.	0.	0.	0.	0.	4.029E 00	4.291E 00	4.538E 00	4.773E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	5.253E 00	5.524E 00

TIME VERSUS ETA

DELTA = 0.75 ALPHA = 0.80 PSI = 0.60

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	7.689E-01	1.038E 00	1.250E 00	1.432E 00	1.592E 00	1.738E 00	1.873E 00	1.999E 00	2.117E 00	2.229E 00
0.50	0.	0.	1.776E 00	2.028E 00	2.252E 00	2.456E 00	2.644E 00	2.819E 00	2.984E 00	3.141E 00
0.75	0.	0.	0.	0.	2.855E 00	3.111E 00	3.348E 00	3.569E 00	3.777E 00	3.974E 00
1.00	0.	0.	0.	0.	0.	0.	4.011E 00	4.275E 00	4.523E 00	4.758E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	5.237E 00	5.509E 00

TIME VERSUS ETA

DELTA = 1.00 ALPHA = 0.80 PSI = 0.60

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	7.336E-01	1.012E 00	1.229E 00	1.413E 00	1.576E 00	1.723E 00	1.859E 00	1.985E 00	2.104E 00	2.217E 00
0.50	0.	0.	1.752E 00	2.007E 00	2.233E 00	2.439E 00	2.628E 00	2.804E 00	2.970E 00	3.128E 00
0.75	0.	0.	0.	0.	2.835E 00	3.093E 00	3.331E 00	3.553E 00	3.762E 00	3.960E 00
1.00	0.	0.	0.	0.	0.	0.	3.994E 00	4.258E 00	4.507E 00	4.743E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	5.221E 00	5.493E 00

TIME VERSUS ETA

DELTA = 0. ALPHA = 1.00 PSI = 0.60

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	8.146E-01	1.030E 00	1.208E 00	1.363E 00	1.502E 00	1.629E 00	1.747E 00	1.858E 00	1.962E 00	2.061E 00
0.50	0.	0.	0.	1.935E 00	2.133E 00	2.313E 00	2.481E 00	2.637E 00	2.785E 00	2.926E 00
0.75	0.	0.	0.	0.	0.	2.941E 00	3.154E 00	3.353E 00	3.541E 00	3.720E 00
1.00	0.	0.	0.	0.	0.	0.	0.	0.	4.256E 00	4.471E 00

TIME VERSUS ETA

DELTA = 0.25 ALPHA = 1.00 PSI = 0.60

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	1.004E 00	1.186E 00	1.343E 00	1.484E 00	1.613E 00	1.732E 00	1.843E 00	1.948E 00	2.048E 00
0.50	0.	0.	0.	1.913E 00	2.113E 00	2.295E 00	2.463E 00	2.621E 00	2.770E 00	2.911E 00
0.75	0.	0.	0.	0.	0.	2.921E 00	3.135E 00	3.336E 00	3.525E 00	3.704E 00
1.00	0.	0.	0.	0.	0.	0.	0.	0.	4.239E 00	4.455E 00

TIME VERSUS ETA

DELTA = 0.50 ALPHA = 1.00 PSI = 0.60

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	9.775E-01	1.163E 00	1.324E 00	1.466E 00	1.596E 00	1.716E 00	1.829E 00	1.935E 00	2.035E 00
0.50	0.	0.	0.	1.891E 00	2.092E 00	2.276E 00	2.446E 00	2.605E 00	2.755E 00	2.897E 00
0.75	0.	0.	0.	0.	0.	2.901E 00	3.117E 00	3.319E 00	3.509E 00	3.689E 00
1.00	0.	0.	0.	0.	0.	0.	0.	0.	4.222E 00	4.438E 00

TIME VERSUS ETA

DELTA = 0.75 ALPHA = 1.00 PSI = 0.60

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	9.499E-01	1.140E 00	1.303E 00	1.448E 00	1.580E 00	1.701E 00	1.814E 00	1.921E 00	2.022E 00
0.50	0.	0.	0.	1.868E 00	2.072E 00	2.257E 00	2.429E 00	2.589E 00	2.739E 00	2.882E 00
0.75	0.	0.	0.	0.	0.	2.882E 00	3.098E 00	3.301E 00	3.492E 00	3.673E 00
1.00	0.	0.	0.	0.	0.	0.	0.	0.	4.205E 00	4.422E 00

TIME VERSUS ETA

DELTA = 1.00 ALPHA = 1.00 PSI = 0.60

OMEGA

ETA	0.5	1.0	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0
0.25	0.	9.214E-01	1.117E 00	1.283E 00	1.430E 00	1.563E 00	1.685E 00	1.800E 00	1.907E 00	2.009E 00
0.50	0.	0.	0.	1.845E 00	2.051E 00	2.238E 00	2.411E 00	2.572E 00	2.724E 00	2.867E 00
0.75	0.	0.	0.	0.	0.	2.861E 00	3.080E 00	3.284E 00	3.476E 00	3.658E 00
1.00	0.	0.	0.	0.	0.	0.	0.	0.	4.188E 00	4.406E 00
1.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
1.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
2.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
3.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.25	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.50	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
4.75	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.
5.00	0.	0.	0.	0.	0.	0.	0.	0.	0.	0.

UNCLASSIFIED

Security Classification

DOCUMENT CONTROL DATA - R&D

(Security classification of title, body of abstract and indexing annotation must be entered when the overall report is classified)

1. ORIGINATING ACTIVITY *(Corporate author)*
Theoretical Mechanics Branch
Structure Division
Air Force Flight Dynamics Laboratory

2a. REPORT SECURITY CLASSIFICATION

2b. GROUP

3. REPORT TITLE
Effects of Pressure Vessel Geometry on the Interior Ballistics of Gas Guns

4. DESCRIPTIVE NOTES *(Type of report and inclusive dates)*
Final Report; September 1965 - January 1966

5. AUTHOR(S) *(Last name, first name, initial)*
Knackstedt, Wilhelm F.
Politzer, Jay L.

6. REPORT DATE	7a. TOTAL NO. OF PAGES	7b. NO. OF REFS
December 1966	252	one

8a. CONTRACT OR GRANT NO.	9a. ORIGINATOR'S REPORT NUMBER(S)
b. PROJECT NO. 5710	AFFDL-TR-66-159
c. Task No. 5710/WEB	9b. OTHER REPORT NO(S) *(Any other numbers that may be assigned this report)*
d.	

10. AVAILABILITY/LIMITATION NOTICES
Distribution of this report is unlimited.

11. SUPPLEMENTARY NOTES	12. SPONSORING MILITARY ACTIVITY
	Research and Technology Division Air Force Systems Command, Wright-Patterson AFB, Ohio

13. ABSTRACT

An analytical treatment of the performance of a gas gun has been carried out by means of a modified "Lagrange approximation." The actual local cross-sectional area of the high-pressure vessel of the gas gun, larger than the area of the base of the gun's barrel, has been taken into account and its effect on the performance determined.

DD FORM 1 JAN 64 1473

UNCLASSIFIED

Security Classification

14. KEY WORDS	LINK A		LINK B		LINK C	
	ROLE	WT	ROLE	WT	ROLE	WT
Interior Ballistics Gas Guns Performance-Theory Tables						

INSTRUCTIONS

1. ORIGINATING ACTIVITY: Enter the name and address of the contractor, subcontractor, grantee, Department of Defense activity or other organization *(corporate author)* issuing the report.

2*a*. REPORT SECURITY CLASSIFICATION: Enter the overall security classification of the report. Indicate whether "Restricted Data" is included. Marking is to be in accordance with appropriate security regulations.

2*b*. GROUP: Automatic downgrading is specified in DoD Directive 5200.10 and Armed Forces Industrial Manual. Enter the group number. Also, when applicable, show that optional markings have been used for Group 3 and Group 4 as authorized.

3. REPORT TITLE: Enter the complete report title in all capital letters. Titles in all cases should be unclassified. If a meaningful title cannot be selected without classification, show title classification in all capitals in parenthesis immediately following the title.

4. DESCRIPTIVE NOTES: If appropriate, enter the type of report, e.g., interim, progress, summary, annual, or final. Give the inclusive dates when a specific reporting period is covered.

5. AUTHOR(S): Enter the name(s) of author(s) as shown on or in the report. Enter last name, first name, middle initial. If military, show rank and branch of service. The name of the principal author is an absolute minimum requirement.

6. REPORT DATE: Enter the date of the report as day, month, year; or month, year. If more than one date appears on the report, use date of publication.

7*a*. TOTAL NUMBER OF PAGES: The total page count should follow normal pagination procedures, i.e., enter the number of pages containing information.

7*b*. NUMBER OF REFERENCES: Enter the total number of references cited in the report.

8*a*. CONTRACT OR GRANT NUMBER: If appropriate, enter the applicable number of the contract or grant under which the report was written.

8*b*, 8*c*, & 8*d*. PROJECT NUMBER: Enter the appropriate military department identification, such as project number, subproject number, system numbers, task number, etc.

9*a*. ORIGINATOR'S REPORT NUMBER(S): Enter the official report number by which the document will be identified and controlled by the originating activity. This number must be unique to this report.

9*b*. OTHER REPORT NUMBER(S): If the report has been assigned any other report numbers *(either by the originator or by the sponsor)*, also enter this number(s).

10. AVAILABILITY/LIMITATION NOTICES: Enter any limitations on further dissemination of the report, other than those imposed by security classification, using standard statements such as:

(1) "Qualified requesters may obtain copies of this report from DDC."

(2) "Foreign announcement and dissemination of this report by DDC is not authorized."

(3) "U. S. Government agencies may obtain copies of this report directly from DDC. Other qualified DDC users shall request through

_____."

(4) "U. S. military agencies may obtain copies of this report directly from DDC. Other qualified users shall request through

_____."

(5) "All distribution of this report is controlled. Qualified DDC users shall request through

_____."

If the report has been furnished to the Office of Technical Services, Department of Commerce, for sale to the public, indicate this fact and enter the price, if known.

11. SUPPLEMENTARY NOTES: Use for additional explanatory notes.

12. SPONSORING MILITARY ACTIVITY: Enter the name of the departmental project office or laboratory sponsoring *(paying for)* the research and development. Include address.

13. ABSTRACT: Enter an abstract giving a brief and factual summary of the document indicative of the report, even though it may also appear elsewhere in the body of the technical report. If additional space is required, a continuation sheet shall be attached.

It is highly desirable that the abstract of classified reports be unclassified. Each paragraph of the abstract shall end with an indication of the military security classification of the information in the paragraph, represented as *(TS)*, *(S)*, *(C)*, or *(U)*.

There is no limitation on the length of the abstract. However, the suggested length is from 150 to 225 words.

14. KEY WORDS: Key words are technically meaningful terms or short phrases that characterize a report and may be used as index entries for cataloging the report. Key words must be selected so that no security classification is required. Identifiers, such as equipment model designation, trade name, military project code name, geographic location, may be used as key words but will be followed by an indication of technical context. The assignment of links, rules, and weights is optional.