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CLASSIFICATION OF THIS PAGE

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1a. REPORT SECURITY CLASSIFICATION

1b. RESTRICTIVE MARKINGS

1c. SECURITY CLASSIFICATION AUTHORITY

3. DISTRIBUTION / AVAILABILITY OF REPORT

1d. SECURITY CLASSIFICATION / DOWNGRADING SCHEDULE

Approved for public release;
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1e. FUNDING ORGANIZATION REPORT NUMBER(S)

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6b. OFFICE SYMBOL
(if applicable)

7a. NAME OF MONITORING ORGANIZATION

Courant Institute of Mathematical
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AFOSR

6c. ADDRESS (City, State, and ZIP Code)

251 Mercer Street

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ACCESSION NO.

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CONFERENCE ON MATHEMATICAL FRONTIERS AND THE PHYSICAL WORLD

12. PERSONAL AUTHOR(S)

S.R.S. Varadhan

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18. SUBJECT TERMS (Continue on reverse if necessary and identify by block number)

19. ABSTRACT (Continue on reverse if necessary and identify by block number)

The report gives a brief summary of the conference.

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20. DISTRIBUTION / AVAILABILITY OF ABSTRACT

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Washington, D.C. 20550FINAL PROJECT REPORT
NSF FORM 98A

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PART I-PROJECT IDENTIFICATION INFORMATION

1. Institution and Address Courant Institute of Mathematical Sciences NYU 251 Mercer St, NY 10012	2. NSF Program SPECIAL PROJECTS	3. NSF Award Number NSF-MCS-81-09183
	4. Award Period From 9/1/81 To 2/28/82	5. Cumulative Award Amount \$20,000.00

6. Project Title

"Conference on Mathematical Frontiers and the Physical World"

PART II-SUMMARY OF COMPLETED PROJECT (FOR PUBLIC USE)

The conference entitled, "Mathematical Frontiers and the Physical World" was held at the Courant Institute of Mathematical Sciences of New York University on October 30-31 of 1981. There were eight lectures delivered by distinguished speakers during the two days covering a wide spectrum of topics in mathematics and its applications. The speakers were Professors Bombieri, Chorin, John, Keller, Lanford, Lebowitz, Lewy, and Lieb. The conference was attended by over two hundred scientists and was in many ways a great success. A copy of the program is enclosed for your information.

Accession For

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PART III-TECHNICAL INFORMATION (FOR PROGRAM MANAGEMENT USES)

1. ITEM (Check appropriate blocks)	NONE	ATTACHED	PREVIOUSLY FURNISHED	TO BE FURNISHED SEPARATELY TO PROGRAM	
				Check (✓)	Approx. Date
a. Abstracts of Theses					
b. Publication Citations					
c. Data on Scientific Collaborators					
d. Information on Inventions					
e. Technical Description of Project and Results					
f. Other (specify) Program					
2. Principal Investigator/Project Director Name (Typed) S.R.S. Varadhan Director, CIMS	3. Principal Investigator/Project Director Signature <i>S.R.S. Varadhan</i>			4. Date 7/21/82	