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A CONCISE BIBLIOGRAPHY OF THE LITERATURE ON  
ARTIFICIAL INTELLIGENCE

ALICE M. PIERCE

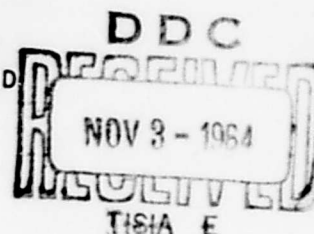
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## PREFACE

This bibliography is a bare listing of the literature on "artificial intelligence" as the term applies to systems whose operating behavior would be called "intelligence" if exhibited by man. A section of a larger compilation of more than six hundred items, it is in its present version unindexed, with a minimum of cross references to related subjects. Most of the references to physiology, psychology, logic, automata theory, decision theory, theory of games, and even neural net theory, have therefore been omitted, since a large bibliography is reduced in value if it lacks some system of information retrieval.

An annotated bibliography of the field, now in preparation by Professor Marvin L. Minsky, of the Massachusetts Institute of Technology, will be indexed by a system of descriptors (see Reference 142).

I am greatly indebted to Professor Minsky for selecting the items to be included in this publication and for his generosity in contributing many references from his own compilation.

Professor Allen Newell kindly provided a copy of his bibliography for a course on Information Processing given in the spring of 1959 at the Graduate School of Industrial Administration, Carnegie Institute of Technology. The original suggestion that this list be compiled was made by John C. Mott-Smith of the AFCRC Communication Sciences Laboratory. Both he and Eugene A. Prange, also of the same laboratory, were helpful in pointing out pertinent references.

Comments are invited on items that should be included in a bibliography covering this field. Citations on reviews of papers in this area and suggestions of possible subject headings or descriptors would also be welcome.

The reader's attention is called to the following bibliographies, which list additional references of possible interest.

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|   |                       |
|---|-----------------------|
| D | Dewey                 |
| H | Hayden (Central)      |
| R | Rotch (Architectural) |
| S | Science               |
| V | Vail (Engineering)    |

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