

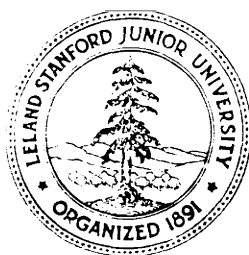
**BIBLIOGRAPHY OF STANFORD  
COMPUTER SCIENCE REPORTS  
1963 - 1978**

**edited by**

**Connie J. Stanley**

**STAN-CS-78-680**  
NOVEMBER 1978

COMPUTER SCIENCE DEPARTMENT  
School of Humanities and Sciences  
STANFORD UNIVERSITY





B I B L I O G R A P H Y  
OF  
S T A N F O R D   C O M P U T E R   S C I E N C E  
R E P O R T S ,   1 9 6 3 - 1 9 7 8

edited by  
Connie J. Stanley

Abstract:

This report lists, in chronological order, all reports published by the Stanford Computer Science Department since 1963. Each report is identified by Computer Science number, author's name, title, National Technical Information Service (NTIS) retrieval number\*, date, and number of pages. Complete listings of Theses, Artificial Intelligence Memos, and Heuristic Programming Reports are given in the Appendix.

Also, for the first time, each report has been marked as to its availability for ordering and the cost if applicable.

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\*If this number is not given it means that the report is probably not available from NTIS.





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## Computer Science

### INTRODUCTION

In the Bibliography which follows, there is a listing for each Computer Science Department Report published as of the date of this writing. Each listing contains the following information:

The report number(s)\*  
The author(s)  
Whether or not the report is a thesis  
The "title" of the report  
The number of pages in the report,  
The month and year it was published  
The cost of the report (if any)

Special symbols preceding the report number indicate availability at this writing, as follows:

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All Computer Science Reports that are in stock may be requested from:

Stanford University  
Computer Science Department  
Polya Hall, Room 202  
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However, Artificial Intelligence Memos (AIM-xxx) should be obtained directly from the Artificial Intelligence Laboratory. Their address is:

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\* There are up to three numbers given for each listing (i, ii, iii):

(i) the "Computer Science" number is on the left, with the form being "STAN-CS-yy-nnn", where "yy" is the last two digits of the year of publication and "nnn" the report numbers;

(ii) any group number (i.e. AIM, TR, DOE, SLAC, etc.) is in the middle; and

(iii) a NTIS stock number (often beginning "AD...") on the right, with the code "NAN" in that slot meaning "not at NTIS".

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\*STAN-CS-63-1, AD462108, J. B. Rosen, *Primal Partition Programming for Block Diagonal Matrices*, 23 pages, November 1963.

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- \*STAN-CS-64-3, ,AD430445, G. E. Forsythe (translated by), *The Theorems in a Paper by V. K. Saulev 'On an Estimate of the Error in Obtaining Characteristic Functions by the Method of Finite Differences'* , 6 pages, January 1964.
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- \*STAN-CS-64-5,N-6519765, , J. B. Rosen, *Existence and Uniqueness of Equilibrium Points for Concave N-Person Games*, 28 pages, March 1964.
- \*STAN-CS-64-6, ,AD600164, R. W. Hockney, *A Fast Direct Solution of Poisson's Fourier Analysis*, 28 pages, April 1964.
- \*STAN-CS-64-7, ,PB176753, J. B. Rosen, *Sufficient Conditions for Optima& Control of Convex Processes*, 29 pages, May 1964.
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## APPENDIX C

## HEURISTIC PROGRAMMING PROJECT MEMOS

There are six informal groups within the Heuristic Programming Project.

Knowledge-Based Consultation Systems (MYCIN)

MOLGEN

Protein-Crystallography

Hydroid

DENDRAL

Meta-DENDRAL

HPP-64-1, J. Lederberg, *DENDRAL-64-A System for Computer Construction, Enumeration and Notation of Organic Molecules as Three Structures and Cyclic Graphs* (technical reports to NASA, also available from the author and summarized in HPP-68-1).

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