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July 1, 1965-June 30, 1966

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## PREFACE.

This publication list is a bibliography of scientific and technical accounts originated at Argonne and published during the fiscal year 1966 (July 1, 1965 through June 30, 1966). It includes items published as journal articles, technical reports, books, etc., all of which have been made available to the public.

The list is divided into three parts. The first is a bibliographic list of publications sorted according to organizational Division of the Laboratory. The Divisional affiliation of each author is indicated by letters in parentheses, the abbreviated designations being as follows:

	AM	<del>Applied Mathematics Division</del>
LS	BM	Biological and Medical Research Division
U	CE	Chemical Engineering Division
C	CM	Chemistry Division
E	CS	Central Shops Department
T	EL	Electronics Division
R	FD	Fire Protection Department
	GL	<del>General Laboratory</del>
	HD	Health Division
NE	HP	High Energy Physics Division
	ID	Idaho Division
	IH	Industrial Hygiene and Safety Division
	II	Institute of Nuclear Science and Engineering
	LD	<del>Laboratory Director's Office</del>
	LS	<del>Library Services Department</del>
M	MT	Metallurgy Division
HE	PA	Particle Accelerator Division
C	PE	Plant Engineering Division
P	PH	Physics Division
E	RC	Remote Control Engineering Division
	RE	Reactor Engineering Division
	RF	Reactor Physics Division
	RO	Reactor Operations Division
HP	RP	Radiological Physics Division
	SM	Special Materials and Services Division
1	SS	Solid State Science Division
	TP	<del>Technical Publications Department</del>
	OO	Work of this author not supported by ANL

The second part is an alphabetical author index. A code number given in the right hand column guides the reader to the bibliographic entry in the first part. Thus code number AM 1120 refers to item 1120 under the Applied Mathematics Division. Since the bibliography is arranged alphabetically according to Division name, item 1120 AM appears before item 1080 BM.

The third part consists of a KWIC (key word in context) subject index. Thus indexing is by title only. To improve indexing some compound words have been divided into two or more words, and formulas and symbols have been spelled out. Various devices for indicating super- and subscripts have been tried, none satisfactorily. In some cases parentheses have been used, while in others the super- and subscript terms are preceded and followed by arrows pointing up or down. Occasionally when the title did not seem to portray the subject of the paper adequately for this type of indexing, descriptive words have been added. All such added words are separated from the title by asterisks. Also, all foreign language titles have been translated into English. Each key word is listed alphabetically on the left. The full title from which it was selected is columnated in the center. Here again the bibliographic code number is given in the right hand column, referring the reader to the entry in the first section.

The data for this list were collected by the Technical Publications Department; the system coding and machine operations were performed by the Applied Mathematics Division. Similar lists of articles published during previous fiscal years were issued as reports ANL-6624, ANL-6761, ANL-6919, and ANL-7087.



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4.97	SEARCH FOR A SECOND STATE IN NEON-20 NEAR 4.97 MEV	PH 4426
4D	CONTRIBUTION OF CORE POLARIZATION TO HYPERFINE FIELDS OF 4D IONS	SS 5033
4F	HFS OF THE 4F GROUND MULTIPLY OF VANADIUM-51	PH 4566
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41,	ERRATUM, PARTIAL IONIZATION CROSS-SECTIONS FOR NOBLE GASES BOMBARDED WITH 0.8-3.75 MEV PROTONS (J. CHEM. PHYS. 41, 1714 (1964))	CM 5128
430	SAFETY ANALYSIS OF THE OPERATION OF ZPR-3 WITH FUEL LOADINGS UP TO 430 KG OF PLUTONIUM (ADDENDUM TO ANL-6504, SAFETY ANALYSIS OF PLUTONIUM LOADINGS IN ZPR-III)	ID 5146
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5F,	ERRATUM FOR M. ABRAMOWITZ AND I. A. STEGUN, HANDBOOK OF MATHEMATICAL FUNCTIONS, NATL. BUR. STDS. APPL. MATH. SER. NO. 55, FORMULA 4.5.64	RF 4449
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