

11/15/804  
Engineering  
Computer Science Department  
ILLIAC Bulletins, Guides and Manuals, 1951-1973

Box 1:

*Ordvac Manual*, University of Illinois for Ballistic Research Laboratories, 1952  
*ILLIAC Programming: A Guide to the Preparation of Problems for Solution by the University of Illinois Digital Computer*, Digital Computer Laboratory, March 1, 1954  
*ILLIAC Programming: A Guide to the Preparation of Problems for Solution by the University of Illinois Digital Computer*, Digital Computer Laboratory, Fourth Printing, September 1, 1956  
“A New Class of Digital Division Methods,” ca. 1958  
W. J. Poppelbaum and N. E. Wiseman, *Circuit Design for the New Illinois Computer*, Report 90. Digital Computer Laboratory, August 20, 1959  
*Generalized Algebraic Translator-Compiler (GAT Compiler)*, File 384, Digital Computer Laboratory, July 3, 1961  
*A Preliminary guide to the use of ATHOS (Automatic Tape Hegemonic Operating System)*, October 19, 1961  
L. D. Fosdick, *A Guide to ILLIAC Programming*, Digital Computer Laboratory, 1961.

Box 2:

*Digital Computer Laboratory Bulletins*, No. 1-14, 1963-64  
User and Programming Manuals:  
ALCØR-Illinois-7090; ILLIAC II, IBAL; ILLIAC III, S-M-V, Automatic Integration, PLORTS System, ILLIAC III Display, Data Disc Control, 1964, 1968-70

Box 3:

ILLIAC IV Documents  
Research Documents Abstracts, 1970-71  
ILLIAC IV Documents No. 1-201, 1967-69

Box 4:

ILLIAC IV Documents No. 203-230, 1969-70

Box 5:

ILLIAC IV Documents No. 236-265, 1973

Box 6:

ILLIAC  
Equipment Problems, 256-57, 364, 1958-60  
Complete Order Code Programming  
ILLIAC Active Program Library Index, 18-331, 1957-61 (8 folders)

Box 7:

IBM 650 Program Library Index, 1961 (2 folders)  
ILLIAC Active Program Library, September 1959-August 1961 (12 folders)  
MURA Sub-Routine Library, 1956-57 (2 folders)  
Statistical Analysis Library Tape (SALT), 1960  
Working Notes

Box 8:

ILLIAC Library, Books 1-5, 1961-62

Box 9:

Magnetic Tape-to-card Converter of the UNIVAC system, 1955  
Circuit Design for the New Illinois Computer, 1959  
DCS Information Bulletins, 1964-1966 (2 folders)  
Bulletins ILLIAC (2 folders)  
MURA Programs for ILLIAC  
ILLIAC Programming, 1956  
A Guide to ILLIAC Programming, 1961  
ILLIAC Auxiliary Library Routines, 1961 (2 folders)  
ILLIAC II  
    manual, 1963  
    manual-no longer current, 1964  
    Library Index, 1966 (2 folders)  
ILLIAC III: preliminary programming manual, 1965  
    processor of visual information, 1965  
    Ibal manual, 1968  
    Programming manual, 1968 (2 folders)  
    Computer system manual: Taxicrinic processor, 1970  
    Reference Manual Vol. 1, 1971  
    Reference Manual Vol. 2, 1971

Box 10:

ILLIAC IV: Documents, 1967-1968 (4 folders)  
    Systems Characteristics and Programming manual, 1968 (2 folders)  
    Systems Characteristics and Programming manual (revised), 1970  
    project: Introductory description, 1971  
ILLIAC programming manual, March 1954  
*ILLIAC Programming: A Guide to the Preparation of Problems for Solution by the University of Illinois Digital Computer*, Digital Computer Laboratory, July 1, 1954  
Internal Report #37, 1952  
Statistical Library Routines, 1961 (2 folders)  
Digital Computer Engineering Codes, 1952-1959 (2 folders)

Logical Drawing Conventions for ILLIAC III, 1967-1970 (3 folders)  
ILLIAC Active Library, 1960 (1 of 8 folders)

Box 11:

ILLIAC Active Library, 1960 (2-8 of 8 folders)  
Program Library, 1961 (2 folders)  
ILLIAC Library, 1953-1958 (2 folders)  
ILLIAC Library Routines, 1958-1961  
ILLIAC Log Summary Running Totals, ca. 1960  
Engineering Test Results, 1964  
Input-Output Hardware Group, 1965-1969  
Atomic Energy Commission Program Manual, 1960 (2 folders)