

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 manual-no longer current, 1964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, 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 (2 of 8 folders)

Box 11:

ILLIAC Active Library, 1960 (6 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)