

LISTING OF CUBE LIBRARY

NAME/CUBE ID #	TITLE	DESCRIPTION	LANG	DATE	INST	AUTHOR
CTRANCD/A200001	CTRANCARDS	(ALLOW DECLARATION OF	A	9/1/67	SRI	B.R.BAKER
CTRANEX/A200002	CTRANEXECUTE	(VARIABLES AS COMPLEX	A	9/1/67	SRI	B.R.BAKER
CTRBAS /A200003	CTRBASIC	(THESE THREE PROCEDURES MUST	A	9/1/67	SRI	B.R.BAKER
CTRLN1 /A200004	CTRLN1	(BE ON CASTA DISK TO EXECUTE	A	9/1/67	SRI	B.R.BAKER
CTRLN2 /A200005	CTRLN2	(THE ABOVE 2 PROGS,SEE COMMENTS	A	9/1/67	SRI	B.R.BAKER
DPSINE /B100001	DOUBLE PRECISION SINE		A	NOV 1963	NASA	BURROUGHS
DPCOS /B100002	DOUBLE PRECISION COSINE		A	NOV 1963	NASA	BURROUGHS
DPTAN /B100003	DOUBLE PRECISION TAN		A	NOV 1963	NASA	BURROUGHS
DPASINE/B100004	DOUBLE PRECISION ARCSINE		A	NOV 1963	NASA	BURROUGHS
DPACOS /B100005	DOUBLE PRECISION ARCCOSINE		A	NOV 1963	NASA	BURROUGHS
DPATAN /B100006	DOUBLE PRECISION ARCTANGENT		A	NOV 1963	NASA	BURROUGHS
DPLOG /B100007	DOUBLE PRECISION LOG		A	NOV 1963	NASA	BURROUGHS
DPEXP /B100008	DOUBLE PRECISION EXPONENTIAL		A	NOV 1963	NASA	BURROUGHS
DPSQRT /B100009	DOUBLE PRECISION SQUARE ROOT		A	NOV 1963	NASA	BURROUGHS
CONFRAC/B200001	CONFRAC = SINH,COSH,TANH		A	JAN 1964	NASA	J C MORELOCK
* MRS114 /C200001	REAL ROOTS OF A POLYNOMIAL WITH REAL COEFF., NEWTON=MAEHLY		A	07 01 63	BURR	JOANNE K KONDO
* MRS122 /C200002	PROGRAM FOR FINDING ALL ROOTS OF A GENERAL FUNCTION		A	09 15 63	BURR	R D RODMAN
* MRS131R/C200003	DETERMINE THE ROOTS OF A POLYNOMIAL USING DOWNHILL METHOD		A	07 31 64	BURR	R D RODMAN
* MRS131C/C200004	DETERMINE THE ROOTS OF A POLYNOMIAL USING DOWNHILL METHOD		A	07 31 64	BURR	R.D.RODMAN
* MRS140 /C200005	ROOTS OF A POLYNOMIAL BY THE GRAEFFE RESULTANT PROCEDURE		A	06 15 64	BURR	JOANNE K KONDO
* MRS142 /C200006	REAL ROOTS OF A POLYNOMIAL BY THE SECANT METHOD		A	09 30 64	BURR	JOANNE K KONDO
CPOLY /C200010	CPOLY/TTY-ROOTS OF POLYNOM.(IMAG,COEF)		A			
RPOLY /C200011	RPOLY/TTY-ROOTS OF POLYNOM.(REAL COEF)		A			
POLYOP /C200012	POLYOP/TTY, MANY POLYNOMIAL OPERATIONS FROM TELETYPE		A	JUL 1969	U OF DENVER	WITKIN
* MRS130 /C300001	CALC MODIFIED BESSEL FUNCTIONS, FIRST AND SECOND KIND		A	05 04 64	BURR	J.K. KOND
* MRS132 /C300002	REGULAR BESSEL FUNCTIONS OF THE FIRST AND SECOND KIND		A	05 04 64	BURR	J K KONDO
* MRS133 /C300003	EVALUATE GENERALIZED REAL HYPERGEOMETRIC FUNCTIONS, COMPLEX		A	02 21 64	BURR	ROBT R HAMMERS
* MRS135 /C300004	CALC ANALYTIC CONTINUATION OF THE HYPERGEOMETRIC FUNCTION		A	04 27 64	BURR	ROBT R HAMMERS
* MRS137 /C300005	CALC BESSEL FUNCTIONS FOR INTEGRAL ORDERS & COMPLEX ARG.		A	05 01 64	BURR	J K KONDO
* MRS143 /C300006	HYPERGEOMETRIC SERIES		A	10 05 64	BURR	ROBT R HAMMERS
SIMPS /D100001	SIMPSONS RULE INTEGRATION		A	4/2/65	U OF VA	ACM=ALGO 233
* MRS116 /D100002	EVALUATE AN INTEGRAL BY WEDDLES RULE		A	08 15 63	BURR	ANNE G MACEK
* MRS120 /D100003	EVALUATE AN INTEGRAL USING SIMPSON RULE		A	11 15 63	BURR	ROBT R HAMMERS
* MRS136 /D100004	EVALUATION OF THE ELLIPTIC INTEGRALS, FIRST AND SECOND KIND		A	04 30 64	BURR	STEPHEN MATZXER
* MRS112 /D200001	SOLVE A SINGLE FIRST ORDER DIFF. EQ., CLIPPINGER-DIMSDALE		A	06 03 63	BURR	ANNE G MACEK
* MRS113 /D200002	SOLVE ORDINARY DIFF. EQ. WITH RUNGE-KUTTA-NYSTROM STARTING P		A	08 01 63	BURR	A.F.PIXLEY
* MRS126 /D200003	SOLVE FIRST ORDER ORDINARY DIFF. EQ., HAMMINGS METHOD		A	02 01 64	BURR	A F PIXLEY
* MRS127 /D200004	SOLVE A FIRST ORDER DIFF. EQ., CLIPPINGER-DIMSDALE METHOD		A	01 17 64	BURR	ANNE G MACEK
* MRS129 /D200005	SOLVE SYSTEM OF FIRST ORDER ORDINARY DIFF. EQ., MILNE MTEHOD		A	01 17 64	BURR	PIXLEYIAND MACEK
LAPLACE/D300001	SOLVES LAPLACE EQ BY METHOD OF DIFFERENCE EQ (SLOR)		XA	SEPT 1971		J. MOLBERG
ANADIFF/D400001	ANALYTIC DIFFERENTIATION		A			DOW
* MRS103A/E100001	UNIVARIATE INTERPOLATION		A	06 28 63	BURR	R.D.RODMAN
* MRS103B/E100002	BIVARIATE INTERPOLATION		A	06 28 63	BURR	R.D.RODMAN
* MRS109 /E100003	BESSELS INTERPOLATION PROCEDURE		A	06 21 63	BURR	JOANNE K KONDO
* MRS110 /E100004	NEWTONS FORWARD AND BACKWARD INTERPOLATION		A	06 21 63	BURR	JOANNE K KONDO
* MRS111 /E100005	EVERETTS INTERPOLATION PROCEDURE		A	06 14 63	BURR	JOANNE K KONDO
POLYCF1/E200001	POLYNOMIAL CURVE FIT=DOOLITTLE METH.		A	AUG 1963	NASA	R F CRAFTS
LSQFOUR/E200002	LEAST SQUARE FOURIER		A	SEPT 63	NASA	R L STEVENS
POLYCF2/E200004	POLNOMIAL CURVE FIT MULT. CASES		A	NOV 1963	NASA	EIKE HUETER

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FOURIER/E200005	EVALUATION OF A FOURIER APPROXIMATION		A	NOV 1963	NASA	EIKE HUETER
* MRS134 /E200006	LEAST SQUARES CURVE FITTING TO A POWER SERIES, AUTO WT. ADJ.		A	04 06 64	BURR	EDGAR EICHORN
* MRS141 /E200007	EVALUATE THE COEFFICIENTS OF AN EMPIRICAL FORMULA, KNOWN PER		A	07 15 64	BURR	STEPHEN MATZNER
* PTS024R/E200008	NON-LINEAR LEAST SQUARES CORVE FITTING		A	06 14 63	BURR	A PAUL OHLSON
LSGFIT /E200010	B0031/TTY-LEAST SQUARE CURVE FIT		A		BURROUGHS--U OF DENVER	
* PTS062 /E300001	FITTING AN N-DIMENSIONAL SURFACE WITH ORTHOGONAL POLYNOMIALS		A	08 31 64	BURR	EDWIN SEIDMAN
* PTS063 /E300002	Eval OF ORTHOC POLYS & THEIR PARTIAL DERIV. FOR SURFACE FITS		A	09 01 64	BURR	EDWIN SEIDMAN
SETROW /F000001	SETROWSIZE - EACH ROW SET SEPARATELY		A		U OF VA	
MATROP /F100001	32 OPERATIONS ON MATRICES		A	9/70	U OF D	STATMAN WACKWITZ
COMFIX /F100002	REPLACE DIAG ELEMENTS OF R. MATRIX WITH SQUARED MULT CORR		A	12/68	U OF D	STATMAN RECK
CROSTAB/F100003	BIVARIATE CROSS-TAB		A	12/68	U OF D	STATMAN RECK
MATROP /F100004	MATROP/TTY, MANY MATRIX OPERATIONS FROM TELETYPE		A	FEB 1969	U OF DENVER	WITKIN
* MRS088R/F100005	REDUCE A REAL SYMMETRIC MATRIX TO TRI-DIAG. FORM, GIVENS MET		A	8/15/61	BURR	G.F.L. DIETZEL
* MRS093R/F100006	EVALUATION OF THE INVERSE OF A MATRIX		A	04/01/63	BURR	R.D.RODMAN
* MRS095R/F100007	A SYMMETRIC MATRIX INVERSION ROUTINE		A	04 01 63	BURR	R.D.RODMAN
* MRS096R/F100008	REDUCE ROUND-OFF ERROR OF THE INV ERSE MATRIX		A	04/01/63	BURR	R.D.RODMAN
* MRS124 /F100009	MATRIX INVERSION AND MULTIPLICATION WITH COMPLEX ELEMENTS		A	11/15/63	BURR	R.D.RODMAN
* MRS087R/F200001	DETERMINE EIGENVALUES-EIGENVECTORS OF REAL SYMMETRIC MATRIX		A	02/15/64	BURR	G.F.L. DIETZEL
* MRS128 /F200002	EIGENVALUES OF A REAL SYMMETRIC MATRIX, GIVENS METHOD		A	01/24/64	BURR	G.F.L. DIETZEL
* MRS092R/F300001	EVALUATION OF A DETERMINATE		A	04/01/63	BURR	R.D.RODMAN
* MRS097R/F400001	SOLUTION OF AN N BY M NON-HOMOGENEOUS LINEAR EQUATIONS		A	04/01/63	BURR	R.D.RODMAN
* MRS101 /F400002	SOLVE SIMULTANEOUS LINEAR EQUATIONS, MONTE CARLO METHOD INV.		A	11 23 62	BURR	R.D.RODMAN
* ORS031 /F400003	SOLVE NON-HOMOGENEOUS LINEAR EQUATIONS, PROD FORM OF INVERSE		A	03 30 64	BURR	JOHN R. KESSLER
SIMSOLV/F400010	SIM/SOLVE-TELETYPE-SOLVE 24 SIMUL.EQNS		A		U OF DENVER	
* ORS038 /G000001	FACTOR ANALYSIS		A	12 15 64	BURR	CHARLES CLARK
* ORS034A/G000002	MEAN, MIN, MAX, RANGE, SAMPLE SIZE		A	09 15 64		CHARLES CLARK
CHISQ1 /G100010	CHI/SQUARE -TELETYPE		A		U OF DENVER	
REMGRAD/G100011	REMOTE/GRADER-TELETYPE -FOR TEACHERS		A	8/1/67	U OF D	MALCOLM
MISDATA/G200001	MISSING DATA CORRELATION		A	1965	U OF D	STATMAN R J HAM
REGRESW/G200002	WESTINGHOUSE REGRESSION		A	JAN 1967	U OF VA	
CORREL /G200003	CORRELATIONS--DATA NOT MISSING		A	JAN 1967	U OF D	STATMAN WACKWIT
REGRES1/G200004	MULT. REGRES. BY SIMULT. SOL-SCORES INPUT ONLY		A	JAN 1967	U OF D	STATMAN
REGRES2/G200005	STEPWISE MULTIPLE REGRESSION		A	JAN 1967	U OF D	STATMAN
REGRES3/G200006	MULT REGRES BY SIMULT SOL--SCORES AND CORREL INPUT		A	12/68	U OF D	STATMAN RECK
* ORS020 /G200007	SIMPLE REGRESSION ANALYSIS		A	10 25 63		E B SEIDMAN
* ORS025R/G200008	GENERAL MULTIPLE REGRESSION AND CORRELATION ANALYSIS		A	12 20 64	BURR	CHARLES CLARK
* ORS035 /G200009	STEP-WISE MULTIPLE REGRESSION		A	12 01 64	BURR	CHARLES CLARK
CORREL2/G200010	B0301/TTY-BIVARIATE CORRELATION & REGR		A		BURROUGHS--U OF DENVER	
CORREL3/G200011	B0304/TTY-MULT.REGRES AND CORRELATION		A		BURROUGHS--U OF DENVER	
CORREL4/G200012	B0309A/TTY-STATISTICAL WITH OMISSION		A		BURROUGHS--U OF DENVER	
CORREL5/G200013	B0309B/TTY-CORRELATION ANALYSIS		A		BURROUGHS--U OF DENVER	
CORMISD/G200014	COMBINATION--M200001+G200001		A	5/28/68	U OF D	STATMAN V. RECK
PARCOR /G200015	PARTIAL CORRELATIONS FROM RAW DATA OR CORR. MATRIX		A	1/70	U OF D	STATMAN CALDWELL
* ORS034B/G200016	CORRELATIONS, MEAN, STD. DEV.		A	09 15 64	BURR	CHARLES CLARK
ANOVA1 /G400001	VARIANCE FOR BALANCED DESIGNS		A		U OF D	STATMAN TATEISHI, CARHAR
ANCOVA1/G400002	ONE WAY COVARIANCE--BMD04V		A	3/9/67	U OF D	STATMAN EICHEL
ANOVA2 /G400003	VARIANCE FOR BALANCED DESIGNS--BMD08V		A	8/16/68	U OF D	STATMAN RECK
ANALVAR/G400004	ONE WAY ANALYSIS OF VARIANCE		A	9/70	U OF D	STATMAN RECK
ANOVAUC/G400005	2-WAY ANAL. OF VARIANCE WITH PROVI SION FOR UNEVEN CELLS		A	1/70	U OF D	STATMAN CALDWELL

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LOADAND/H400001	LOADAND/LISTW01	DESCRIBES WALSE & TELLS WHAT TO DO NEXT	D	APR 1969	WESTINGHOUSE	MC QUOWN
WALSE /H400002	WALSE/MESSAGE--EX	MESSAGE/FILES WITH FILE DISK=WALSE/H400002	D	APR 1969	WESTINGHOUSE	MC QUOWN
WALSE /H400003	WALSE/SOURCE,IN	MC ALGOL--SEE WALSE MESSAGE FOR INSTRUCTIONS	D	APR 1969	WESTINGHOUSE	MC QUOWN
ERRORWA/H400004	ERROROF/WALSE,	TO CREATE WALSE/ERRORS--SEE WALSE MESSAGE	D	APR 1969	WESTINGHOUSE	MC QUOWN
CALCSIM/H500010	CALCSIM/REMOTE	-TELETYPE-DESK CALC	A		U OF D	KURTZ
ECONSIM/H500011	ECONSIM/TTY-	MANAGEMENT GAME	A		BURROUGHS--U	OF DENVER
MOHAWK /H500012	SIMULATES A	MOHAWK 1320 ON THE B5500 LINE PRINTER	A	JAN 1970	CHASE BRASS	WILES/KARL
MINPATH/H600001	MINIMUM PATHS	IN A TRANSPORT NETWORK	F	JUL 69	INT. BANK FOR	R&D MILLER
CDTODSK/I400001	CDTODSK -	FOR TEACHER/DU COURSES	A		U OF D	EICHELBERGER
CARDIN /I900001	CARDIN -	READS OVERPUNCHES	A	9/18/64	U OF VA	J G WILLIAMS
RDDISK /J400001	RDDISK READ/PUNCH	DISK FILE	A		U OF D	EICHELBERGER
LISTERB/J400002	LISTER/B--CARD	LISTER WITH SEQ CHECKS	A		BURR	G. JONES
LISTERC/J400003	LISTER/C--TAPE,	DISK, CARD LISTER	A		BURR	G. JONES
PDLIST /J400004	PD/LIST--LISTS	DIRECTORY;PCH DECK	A		BURR	G. JONES
TAPEDIR/J400005	TAPEDIR/LIST--	DIR OF A LIB TAPE	A		BURR	G. JONES
DUMPARR/J400006	DUMP/ARRAY--	PROCS TO DUMP ARRAYS	A		BURR	G. JONES
DISCAR /J400007	MEDIA-TO-MEDIA	UTILITY,DOC IN COMMENT VIA XREF/JONES	A	9/4/70	BURR-TORONTO	BILL MOIR
TWXPRT /J400008	LISTS ALL OR	PART OF ANY DISK FILE ON TELETYPE	XA	9/4/70	BURR-TORONTO	BILL MOIR
PLOTP1 /J500001	PL0T(ON LINE	PRINTER)	A		NNG	
* MRS144 /J500002	ROUTINES FOR	USE WITH THE CALCOMP PLOTTER	A	01 15 65	BURR	COLLINGE MEYER
REMP1T /J500003	REMOTE FUNCTION	PLOTTER.	G	JAN 72	GA TECH	
TAPEDMP/K400001	TAPEDUMP		A		U OF VA	
LOADAND/L200001	LOADAND/LISTME,	TELLS HOW TO GET MC ALGOL DOCUMENTATION	D	FEB, 1969	WESTINGHOUSE	MC QUOWN
MCALGOL/L200002	MCALGOL/MESSAGE,	BASIC DOCUMENTATION FOR MC ALGOL PACKAGE	D	FEB, 1969	WESTINGHOUSE	MC QUOWN
MESSAGE/L200003	MESSAGE/DIDDLER,	SOURCE FOR MESSAGE/FILES (MC ALGOL PACKAGE)	A	FEB, 1969	WESTINGHOUSE	MC QUOWN
ERRORAL/L200004	ERROROF/ALGOL,	TO FORM "ALGOL/ERRORS" (MC ALGOL PACKAGE)	D	FEB, 1969	WESTINGHOUSE	MC QUOWN
ERRORMC/L200005	ERROROF/MCALGOL,	TO FORM "MCALGOL/ERRORS"(MC ALGOL PACKAGE)	D	FEB, 1969	WESTINGHOUSE	MC QUOWN
INITIAL/L200006	INITIAL/MCALGOLSY,	SOURCE FOR "INITIAL/MCALGOL"(MC ALG PKG)	A	FEB, 1969	WESTINGHOUSE	MC QUOWN
LANGUAG/L200007	LANGUAG/LEVEL3,	USED BY INITIAL MCLGOL (MC ALGOL PACKAGE)	D	FEB, 1969	WESTINGHOUSE	MC QUOWN
ALGOL /L200008	ALGOL/PATCHES,	WRL PATCH DECK TO MAKE WRALGOL (MC ALG PKG)	A	FEB 1969	WESTINGHOUSE	MC QUOWN
MCALGOL/L200009	MCALGOL/SOURCE,	THE MCALGOL COMPILER (MC ALGOL PACKAGE)	A	FEB 1969	WESTINGHOUSE	MC QUOWN
SNOBOL /L200010	SNOBOL/FEB69,	SNOBOL3 LIST PROCESSING LANGUAGE	A	APR 1969	U OF WISC	CHAMBERS
SNOBOL /L200011	SNOBOL/MANUAL--	LIST WITH SNOBOL/RUNOFF	D	APR 1969	U OF WISC	CHAMBERS
SNOBOL /L200012	SNOBOL/RUNOFF--	PROGRAM IN SNOBOL TO LIST SNOBOL/MANUAL	D	APR 1969	U OF WISC	CHAMBERS
APL /L200013	A PROGRAMMING	LANGUAGE, CONVERSATIONAL	A	MAR. 1971	U OF WASH.	MILLER
APLPTCH/L200014	PATCHES FOR	APL /L200013	A	MAR. 1971	U OF WASH.	MILLER
GTL /L200015	GA TECH	LANGUAGE(GTL), SEE GTL/L200016 FOR DOCUMENTATION.	A	JAN 72	GA TECH	
GTL /L200016	GTL	DOCUMENTATION.	D	JAN 72	GA TECH	
GTL /L200017	ALGOL/ERRORS,	GTL ERROR MSG FILE	D	JAN 72	GA TECH	
DETAB65/L400001	DETAB65	DECISION TABLE	C	6/8/67		JUG
ALTRAN /L700001	ALGOL TO	FORTTRAN TRANSLATOR.	G	JAN 72	GA TECH	
KWIC1 /M100001	KWIC1 (CALLS	SRTLOCN AND SRTPERM)	A		BURROUGHS	J SKELTON
SRTLOCN/M100002	SRTLOCN (USED	BY KWIC1)	C		BURROUGHS	J SKELTON
SRTPERM/M100003	SRTPERM (USED	BY KWIC1)	C		BURROUGHS	J SKELTON
KWIC2 /M100004	KWIC2		C		NNG	
MAKMAST/M200001	PREPARES	INPUT FOR MISDATA	A	3/31/65	U OF D	STATMAN EICHEL
CONVIBM/M200002	CONVERT(7094	WORDS TO B5500 WORDS)	A	3/27/64	NASA	R L STEVENS
BINBCD /M200003	BINBCD (BINARY	TO 8-DIGITS BCD)	A	JAN 1965	NASA	C BANNISTER
OCTBCD /M200004	OCTAL TO	BCD CONVERSION	A	AUG 1963	NASA	EIKE HUETER

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COORD /M200010	COORD/TTY-CONVRT	SPHER. & CART. COORD.	A			
TRNSGEN/M200011	LINEAR AND NON-LINEAR	TRANSFORMATIONS	A	5/28/68	U OF D	STATMAN RECK
DCDEBUG/N000001	DATA/COM/DEBUG		A	5/31/67	U OF WASH	DAN COVILL
SYSX /0400001	SYSX (HAS ASSEMBLER & OP	SYSTEM)***	A		(GET FROM U OF VA.	W. WULF)
MODECHG/P000001	MODE-CHANGE (TAPE READ	TEST)	A	NOV 63	NASA	BOB STEVENS
INDEXER/Q000001	INDEXER OF IDENT. IN AN	ALGOL PROG.	A	9/18/64	U OF VA	A P BATSON
EDITOR /Q000002	EDITOR					
FLOWCHT/Q000003	FLOWCHT (FLOWCHARTS	ALGOL PROGRAM)	A	7/27/67	REALTIME	LEACH
DSKPRN2/Q000004	DSKPRNT/YANDR-PRINTS	ANY DISK FILE	A	2/1/68	Y & R;	1/70 DOW CHEM
CLEANDK/Q000005	CLEAN/DISK-MAPS & UN	CHECKERBOARDS DISK	A	2/1/68	Y & R	
LIBMAKE/Q000006	LIBTAPE/MAKER TAPE-TO-	TAPE DUMP TAPE COPIER, CHECKER, ETC	A	NOV 68	WESTINGHOUSE	BOWLDEN
CUBELST/Q000007	CUBELIB/LISTER LISTS	CUBELIB/INDEX WITH OPTIONS	A	NOV 68	U OF D	EICHELBERGER
CBLFLOW/Q000008	FLOWCHARTS A COBOL	PROGRAM	C	APR 1969	CHASE BRASS	NEIL KARL
PATCHMG/Q000009	PATCH/MERGER, COMBINES	& DOCUMENTS PATCH DECKS	A	APR 1969	WESTINGHOUSE	MC QUOWN
PATCHL /Q000010	PATCH/LISTER, TO LIST	FILES FROM PATCH/MERGER, BY PATCH ID	A	APR 1969	WESTINGHOUSE	MC QUOWN
MULTSUB/Q000011	SEARCH & SUBSTITUTE	WORD OR PHRASE IN SOURCE DECK	A	1/70	CHASE BRASS	KUZELA
CARDCOM/Q300001	CARDCOM (COMPARES TWO	CARDS DECKS)	A	7/15/64	U OF VA	A P BATSON
XREFJNS/Q500001	XREF/JONES--ALGOL	CROSS-REF & FLOW CHART	A		BURR	G. JONES
IDENT /Q500002	IDENT/SCANNER		A		U OF D	CARHART
SELSUP /S000001	SELECT/SUPER--RETRIEVAL	PROGRAM	A		Y & R	
SUPREP /S000002	SUPER/REPORT--REPORT	GENERATOR	A		Y & R	
UPDICTS/S000003	UPDICT/SUPER--MAKES	DICT FOR SUPER	A		Y & R	
* PTS025R/T200001	THE BENEDICT-WEBB-RUBIN	EQUATION OF STATE	A	12 01 62	BURR	EDWIN B SEIDMAN
* PTS028 /T200002	CMC. OF THE ENTHALPIES	& HEAT CAPACITIES OF LIQUID MIXTURE	A	07 15 63	BURR	A PAUL OLESON
* PTS031 /T200003	CALC OF ENTHALPY OF A	NON-IDEAL GASEOUS MIXTURE PARTIAL DER.	A	12 01 63	BURR	MARK N LAYMAN
* PTS033 /T200004	VAPOR-LIQUID EQUILIBRIUM	RATIOS FOR LIGHT CARBON SYSTEMS	A	06 12 63	BURR	D. VOSS P OLESEN
* PTS035A/T200005	VAPOR-LIQUID EQUILIBRIUM	RATIOS FROM VAPOR PRESSURE DATA	A	11 30 62	BURR	DONALD L VOSS
* PTS035B/T200006	VAPOR-LIQUID EQUILIBRIUM	RATIOS FROM VAPOR PRESSURE DATA	A	11 30 62	BURR	DONALD P VOSS
* PTS037A/T200007	VAPOR-LIQUID EQUILIBRIUM	RATIOS FROM REL. VOLATILING DATA	A	11 25 63	BURR	OLESON AND VOSS
* PTS037B/T200008	VAPOR-LIQUID EQUILIBRIUM	RATIOS FROM RELATIVE VOLATILITY DATA	A	11 25 63	BURR	OLESON AND VOSS
* PTS039 /T200009	VAPOR-LIQUID EQUILIBRIUM	RATIOS FROM RELATIVE VOLITILITY DATA	A	11 25 63	BURR	DONALD L VOSS
* PTS041A/T200010	SELECTION OF VAPOR-LIQUID	EQUIL. RATIOS FROM ALGOL PROCEDURES	A	11 25 63	BURR	DONALD L VOSS
* PTS041B/T200011	SELECTION OF VAPOR-LIQUID	EQUIL. RATIOS FROM ALGOL PROCEDURES	A	11 25 63	BURR	DONALD L VOSS
* PTS043A/T200012	ACTIVITY COEFFICIENTS	OF MULTICOMPONENT SYSTEM, MARGULE, VAN L	A	09 15 64	BURR	CHIEN-SHIH LU
* PTS043B/T200013	ACTIVITY COEFFICIENTS	OF MULTICOMPONENT SYSTEMS, MARGULE, VAN LA	A	09 15 64	BURR	CHIEN-SHIN LU
* PTS043C/T200014	ACTIVITY COEFFICIENTS	OF MULTICOMPONENT SYSTEMS, MARGULE, VAN LA	A	09 15 64	BURR	CHIEN-SHIN-LU
* PTS047A/T200015	SELECTION OF LIQUID	ENTHALPY VALUES FROM ALGOL PROCEDURES	A	03 10 64	BURR	DONALD L VOSS
* PTS047B/T200016	SELECTION OF LIQUID	ENTHALPY VALUES FROM ALGOL PROCEDURES	A	03 10 64	BURR	DONALD L VOSS
* PTS049A/T200017	SELECTION OF LIQUID	ENTHALPY VALUES FROM ALGOL PROCEDURES	A	03 15 64	BURR	DONALD L VOSS
* PTS049B/T200018	SELECTION OF LIQUID	ENTHALPY VALUES FROM ALGOL PROCEDURES	A	03 15 64	BURR	DONALD L VOSS
* PTS051 /T200019	NON-ADIABADIC FLASH	CALCULATIONS FOR HYDROCARBON MIXTURES	A	03 15 64	BURR	A. D. OLESON
* PTS053 /T200020	ISOTHERMAL AND ISOBARIC	FLASH CALCULATIONS	A	10 01 63	BURR	DONALD L VOSS
* PTS055 /T200021	DEW-POINT AND BUBBLE-	POINT CALCULATIONS	A	11 25 63	BURR	DONALD L VOSS
* PTS057 /T200022	GENERAL NON-ADIABATIC	FLASH CALCULATIONS	A	11 25 63	BURR	DONALD L VOSS
* PTS061 /T200023	ADIABATIC FLASH	CALCULATIONS FOR HYDROCARBON MIXTURES, WATER	A		BURR	
* PTS065 /T200024	TRAY CALC FOR MULTIPLE-	FEED MULTI PLE-DRAW ABSORBERS=STRIPPE	A	10 01 63	BURR	OLESON & LAYMAN
* PTS067 /T200025	MULTI-FEED MULTI-DRAW	ABSORBERS & STRIPPERS MULPHREE TRAYS	A	02 28 64	BURR	A. P. OLESON
* PTS071 /T200026	PERFORMANCE CALC FOR	COMPLEX DLSTICLATION COLS, THEOR TRAYS	A	10/12/64	BURR	WANG LAYMAN
* PTS072 /T200027	PATHS AND LOOPS IN A	NETWORK	A	12 01 64	BURR	YUI L WANG

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* DS029 /T300001	UNIT CELL CONSTANTS & POSSIBLE INDEX COMB. FOR A WAVELENGTH		A	04 30 63	BURR	R.T.OLLIVIER
* DS030 /T300002	ATOMIC DISTANCES AND BOND ANGLES		A	03 30 64	BURR	EICHHORN MATZNER
* DS031 /T300003	FIT A PLANE TO A SET OF POINTS BY LEAST SQUARING		A	04 06 64	BURR	EICHHORN MATZNER
* CES010 /T400001	A TRAVERSE CLOSURE PROGRAM		A	09/09/68	BURR	VICTOR BERMAN
* CES013 /T400002	DESIGN OF REINFORCED CONCRETE FIXED END BEAMS		A	9/ 9/ 68	BURR	VICTOR BERMAN
* CES014 /T400003	DESIGN OF REINFORCED CONCRETE TIED COLUMNS		A	9/9/68	BURR	VICTOR BER
* CES012 /T400004	PIPE STRESS ANALYSIS	A	A	9/9/68	BURR	VICTOR BERMA
FACVAR /T800001	FACVAR (ORIGINALLY BIMD-17)		A		U OF D	EICH. CARH.
MAXPLAN/T800002	OBLIQUE ROTATION OF FACTOR MATRIX		A	1/70	U OF D	STATMAN EBER
PRNCX1 /T800003	PRNCX1 FROM BIMD-17 AND BMD03M		A	1960	U OF D	J H WACKWITZ
PRNCX2 /T800004	PRIN. FACT. ANAL. BY JACOBI SIMULT SOLUTION		A	1965	U OF D	STATMAN WACKWITZ
PRNCX3 /T800005	PRIN FACT. ANAL. BY SUCCESSIVE SOL. WITHOUT RESIDUALS		A	1966	U OF D	STATMAN WACKWITZ
VARMAX /T800006	VARMAX ROTATION OF FACTOR MATRIX		A	3/9/67	U OF D	STATMAN WACKWITZ
PRNCX4 /T800007	PRIN. FACT. ANAL. BY SUCCESSIVE SOL. WITH RESIDUALS		A	5/68	U OF D	STATMAN RECK
STANSRS/T800008	STANDARD SCORES		A	5/68	U OF D	STATMAN RECK
BMD01D /T800009	BMD01D SIMPLE DATA DESCRIPTION		F	JAN 1970	U OF D	UCLA
BMD01M /T800010	BMD01M PRINCIPAL COMPONENT ANALYSIS		F	JAN 70	UCLA	LOVELACE
BMD03M /T800011	BMD03M FACTOR ANALYSIS		F	JAN 70	UCLA	LOVELACE
BMD02R /T800012	BMD02R STEPWISE REGRESSION		A	JAN 1970	U OF D	UCLA
BMD05R /T800013	BMD05R POLYNOMIAL REGRESSION		F	JAN 70	UCLA	LOVELACE
BMD06R /T800014	BMD06R ASYMPTOTIC REGRESSION (NOW WORKS)		F	9/4/70	UCLA	LOVELACE
BMD03S /T800015	BMD03S PROBIT ANALYSIS		A	7/5/68	UCLA	LOVELACE
BMD02T /T800016	BMD02T TIME SERIES ANALYSIS		F	JAN 1970	U OF D	UCLA
BMD01V /T800017	BMD01V ANALYSIS OF VARIANCE		F	7/5/68	UCLA	LOVELACE
BMD02V /T800018	BMD02V ANALYSIS OF VARIANCE		F	7/5/68	UCLA	LOVELACE
BMD05VA/T800019	BMD05V GENERAL LINEAR HYPOTHESIS (DOES NOT COMPILE)		A	7/5/68	UCLA	LOVELACE
BMD05VF/T800020	BMD05V GENERAL LINEAR HYPOTHESIS		F	JAN 70	UCLA	LOVELACE
BMD06V /T800021	BMD06V GENERAL LINEAR HYPOTHESIS (DOES NOT WORK)		A	7/5/68	UCLA	LOVELACE
BMDX85 /T800022	BMDX85 NON-LINEAR LEAST SQUARES (DOES NOT WORK)		F	7/5/68	UCLA	LOVELACE
BMD04M /T800023	DISCRIMINATE ANALYSIS FOR TWO GROUPS		F	JUL 69	UCLA	U OF DENVER CALDWEL
BMD05M /T800024	DISCRIMINATE ANALYSIS FOR SEVERAL GROUPS		F	JUL 69	UCLA	U OF DENVER CALDWEL
BMD03R /T800025	MULTIPLE REGRESSION WITH CASE COMBINATIONS		F	9/4/70	UCLA	LOVELACE
BMD09S /T800026	TRANSGENERATIONS		F	9/4/70	UCLA	LOVELACE
PRNCX5 /T800027	PRNCX3 WITH OPTIONS FOR SUCC APPRO TO COMMUNALITIES		A	9/70	U OF D	STATMAN FOSTER
FMTGEN /V000001	OBJECTFMTGEN (READ-IN FORMATS)		A		U OF D	F CARHART
FIXFORM/V000002	FIXFORM (READ-IN FORMATS)		A		USAFA	S SCHLUTER
DOCUMNT/V000003	BUILDS DISK OR TAPE FILES FOR MOTOROLA MDR-1000 DOC READER		A	1/70	CHASE BRASS	KARL
COPARE /V0100AA	COMPARES TWO MULTIFILE TAPES		A	12/68	BURR UTILITY	LIBRARY
DCMAP /V0101AA	DISK DIR. LISTED ON TTY		A	12/68	BURR UTILITY	LIBRARY
DISKMAP/V0102AA	HEADING AND ADDRESS OF DISK FILES		A	12/68	BURR UTILITY	LIBRARY
DECKSEQ/V0103AA	SEQUENCES SOURCE DECKS		A	12/68	BURR UTILITY	LIBRARY
<i>mJ</i> - KRUNCH /V0104AA	KRUNCHES ALGOL SOURCE PROGRAM		A	12/68	BURR UTILITY	LIBRARY
SELECT /V0105AA	SEL & PRINT FM PRIN BACKUP TAPE		A	12/68	BURR UTILITY	LIBRARY
SORTGEN/V0106AA	GENS ALGOL PROG FOR A SORT		A	12/68	BURR UTILITY	LIBRARY
<i>mJ</i> - UNKRCH/V0107AA	REFORMATS ANY ALGOL SOURCE PROG		A	12/68	BURR UTILITY	LIBRARY
CARDPRN/V0108AA	LISTS CARDS OR DISK FILE		A	12/68	BURR UTILITY	LIBRARY
TAPEPRN/V0109AA	LISTS SYMBOLIC TAPE(X,56,10)		A	12/68	BURR UTILITY	LIBRARY
CARDPCH/V0110AA	PUNCHES FM CARDS OR DISK FILE		A	12/68	BURR UTILITY	LIBRARY
PARTCRD/V0111AA	LISTS 72 COLS OF CARD OR DISK FILE		A	12/68	BURR UTILITY	LIBRARY

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PATCH /V0112AA	MAKES NEW SYMBOL TAPE FM PATCHES		A	12/68	BURR UTILITY	LIBRARY
TAPEDMP/V0113AA	PRINTS TAPE OF UNKNOWN FORMAT		A	12/68	BURR UTILITY	LIBRARY
DSKXREF/V0114CA	XREF COBOL SOURCE DECK FM DISK		C	12/68	BURR UTILITY	LIBRARY
CRDXREF/V0115CA	XREF COBOL SOURCE CARDS OR TAPE		C	12/68	BURR UTILITY	LIBRARY
MULTIPL/V0116AA	MEDIUM TO MEDIUM CONVERSION		A	12/68	BURR UTILITY	LIBRARY
TAPEPCH/V0117CA	TAPE-TO-CARD		C	12/68	BURR UTILITY	LIBRARY
DISKPCH/V0118CA	DISK-TO-CARD		C	12/68	BURR UTILITY	LIBRARY
DIRCTRY/V0119CA	COMPLETE DISK DIRECTORY LISTING		C	12/68	BURR UTILITY	LIBRARY
DUMPLST/V0120CA	LISTS LOG WITHOUT RESETTING		C	12/68	BURR UTILITY	LIBRARY
MAKSOLT/V0121CA	MAKES SOLT FM CARDS OR TAPE		C	12/68	BURR UTILITY	LIBRARY
PCHSOLT/V0122CA	SOLT TAPE-TO-CARDS		C	12/68	BURR UTILITY	LIBRARY
PBDPBT /V0123AA	MAKES PB TAPE FROM PB DISK FILE		A	12/68	BURR UTILITY	LIBRARY
BICOMP /V0124AA	BINARY CARD READ & COMPARE		A	12/68	BURR UTILITY	LIBRARY
RANDOM /V100001	RANDOM		A	10/7/64	U OF VA	WM A WULF
MAXLIST/V200001	MAX (GETS MAX OR MIN VAL FROM A LIST)		A		SRI	
DETABD /Y000001	DETAB TEST DATA		D	6/8/67	JUG	
ECONDAT/Y000002	FIRST/ECSIM, DATA FOR FIRST QUARTER FOR USE WITH ECONSIMP/TTY		D	NOV 68	U OF DENVER	LUCAS
TTY1 /Y100001	TTY1/SAVE (COURSE FOR TEACHER)		D		U OF D	EICHELBERGER
ADDTEST/Y100002	ADDTEST/SAVE (COURSE FOR TEACHER)		D		U OF D	EICHELBERGER
PEOPLE /Y100003	PEOPLE/SAVE (COURSE FOR TEACHER)		D		U OF D	F B LUCAS
CORSWT /Y100004	CORSWT/SAVE (COURSE FOR TEACHER)		D		U OF D	MALCOLM
JES1 /Y100005	JES1/SAVE (COURSE IN ALGOL FOR TEACHER)		D		BURROUGHS	J SKELTON
DRILL1 /Y100006	DRILL1/SAVE (COURSE FOR TEACHER)		D		U OF D	EICHELBERGER
DRILL2 /Y100007	DRILL2/SAVE (COURSE FOR TEACHER)		D		U OF D	EICHELBERGER
KOURSE /Y100008	KOURSE/SAVE (COURSE FOR TEACHER)		D		U OF D	M MALCOLM
SEQNO /Y100009	SEQNO/SAVE (COURSE FOR TEACHER)		D		U OF D	R HOFFMAN
HELLO /Y100010	HELLO/SAVE (COURSE FOR TEACHER)		D		U OF D	EICHELBERGER
CAPITAL/Y100011	CAPITAL/SAVE (COURSE FOR TEACHER)		D		U OF D	V TYNES
SIGDIG /Y100012	SIGDIG/SAVE (COURSE FOR TEACHER)		D		U OF D	D MILLER
PRIMES /Y100013	PRIMES/SAVE (COURSE FOR TEACHER)		D		U OF D	DR GREENBERG
CUBELIB/Y200001	CUBELIB/INDEX, DATA FILE FOR THIS INDEX		D	11/24/68	U OF D	EICHELBERGER
TEACHER/Y200002	TEACHER/0000075, TEACH FILE FOR REMOTE CARD		D	AUG 68	BURROUGHS	RON BRODY
TEACHER/Y200003	TEACHER/0000094, DOCUMENTATION FOR R/C, MULT USER REMOTE CARD		D	JAN 72,	BURR	RON BRODY
CONTENT/Y200004	DOCUMENTATION FOR BURROUGHS UTILITY LIBRARY		D	12/68	BURROUGHS	DETROIT
SORTDOC/Y200005	ITD SORT INTRINSIC FLOW CHART (WITH XREF/JONES)		D	JAN 69	BURR-PASADENA,	GREGORY
ELIZA /Y200006	ELIZA/SCRIPT DATA FOR ELIZA/Z1000010		G	JAN 72	GA TECH	
ERRIN /Y200007	ERRIN/INPUT, DATA FOR ERRSRC/Z100011		D	JAN 72	GA TECH	
HELPFIL/Y300001	HELPFIL/CARDS, USED BY WIPL		D	JAN 71	U OF WISC	HARRIS
ERRORS /Y300002	ERRORS/CARDS, USED BY WIPL		D	JAN 71	U OF WISC	HARRIS
LOANPAY/Y300003	LOANPAY/CARDS, SAMPLE PROGRAM FOR WIPL		D	OCT 68	U OF WISC	HARRIS
TEACH6 /Z100001	TEACHER (GIVES ANY CAI COURSE) SINGLE-USER VERSION (6)		A		U OF D	EICHELBERGER
TEACH8 /Z100002	TEACHER/DU8--MULT USER TEACHER VERSION		A	1/2/68	U OF D	SKELTON
CREATE /Z100003	CREATE/FILE--CREATES DISK FILES		A	1/15/68	U OF D	EICHELBERGER
RCSY75 /Z100004	REMOTE/CARD CREATES, EDITS, ETC DISK FILES FROM TELETYPE		A	AUG 68	BURROUGHS	RON BRODY
UPDATE /Z100005	UPDATE/TEACHER, UPDATES TEACHER FILE FOR REMOTE/CARD		A	AUG 68	BURROUGHS	RON BRODY
RCSY94 /Z100006	R/C, REMOTE/CARD MULTIPLE USER VERSION		A	JAN 72,	BURR	RON BRODY
UWISMEM/Z100007	UWISC/MEMORY, SAMPLES CORE IN USE FROM A TELETYPE		A	JAN 69	U OF WISC	JANOSKI
SCANFIL/Z100008	SCAN/FILE, LISTS ANY TYPE OF FILE ON DISK FROM TELETYPE		A	JAN 69	USAEC, FT. MON.,	WARSHAW
RECORD2/Z100009	LISTS 1 RECORD AT A TIME ON TTY FROM DISK OR TAPE		A	1/70	CHASE BRASS	KUZELA

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ELIZA /Z100010	INTERACTICE PSYCHIATRIST PROG.		G	JAN 72	GA TECH	
ERRSRC /Z100011	GTL ERROR MSG FILE GENERATOR.		G	JAN 72	GA TECH	
NEXTONE/Z200001	NEXTONE (GETS NEXT ITEM FROM LIST)		A		S R I	
JOBFIN /Z200002	JOBFINISH (PRINTS TIME & COST)		A	AUG 1964	NASA	L BANNISTER
GPF /Z200003	GREATEST PRIME FACTOR		A	MARCH 65	NASA	L E SHANNON
TICTAC /Z200010	TICTAC/TTY TIC-TAC-TOE GAME		A	JULY 1967	BURR--MOD BY U OF D	
WIPL /Z300001	WIPL/WIPL EXTENDED REMOTE PROGRAMMING LANGUAGE		A	JAN 71	U OF WISC	HARRIS
OMNITAB/Z300002	A LANGUAGE BASED ON ENGLISH RATHER THAN ALGEBRAIC SYNTAX		F	SEPT 68	IOWA ST/NATC	PATUXENT
WIPL /Z300003	PATCH DECK FOR WIPL/Z300001		A	JAN 72	GA TECH	
EXAMPLE/Z400001	EXAMPLE/COMPLEX, EXAMPLE USING GTL		G	JAN 72	GA TECH	
EXAMPLE/Z400002	EXAMPLE/DOUBLE, EXAMPLE USING GTL		G	JAN 72	GA TECH	
EXAMPLE/Z400003	EXAMPLE/LISP, EXAMPLE USING GTL		G	JAN 72	GA TECH	
EXAMPLE/Z400004	EXAMPLE/RECORD, EXAMPLE USING GTL		G	JAN 72	GA TECH	
EXAMPLE/Z400005	EXAMPLE/REVERSE, EXAMPLE USING GTL		G	JAN 72	GA TECH	
EXAMPLE/Z400006	EXAMPLE/SENTENC EXAMPLE USING GTL		G	JAN 72	GA TECH	
EXAMPLE/Z400007	EXAMPLE/STRING, EXAMPLE USING GTL		G	JAN 72	GA TECH	
EXAMPLE/Z400008	EXAMPLE/SYNTAX, EXAMPLE USING GTL		G	JAN 72	GA TECH	

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