

JUN 23 1958

SOMNI CODE

TA	TAKE	TAKE
IS	IS	IS
AD	ADD	ADD
SU	SUBTRACT	SUB
AC	ACCUMULATE	ACC
MU	MULTIPLY	MULT
DIV	DIVIDE	DIV
RD	RECIP DIV	RDIV
SQ	SQUARE ROOT	SQRT
LN	NATURAL LOG	LN
EXP	EXPONENT	EXP
SI	SINE	SIN
CO(S)	COSINE	COS
AR	ARCTANGENT	ARTAN
COM	COMPARE	COMP
HJ	HIGH	HIGH
LO	LOW	LOW
EQ	EQUAL	EQUAL
PL	PLUS	PLUS
MI	MINUS	MINUS
ZE	ZERO	ZERO
N-E (NE)	NOT EQUAL	N-EQ
N-Z (NZ)	NOT ZERO	N-ZE
ENT	ENTER	
EXI	EXIT	

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IF	(Mixed Read)	
SE	SET SW XX	SSW XX
SW	SWITCH XX	SWXX
RE	READ	READ
PV	PUNCH	PUNCH
EΦ	END OF FILE	EΦF
IN	INITIALIZE	INIT

1/2

OMNICODE OPERATIONS

(* Sign mode of A)

TAKE *A

IS A

COMPARE K to A *

High A

Low A

Equal A

Not Equal A

(Branch) Plus A

(") Minus A

(") Zero A

(") Non-Zero A

INITIALIZE IR i TO A

ADD TO IR A

SUBTRACT FR IR A

COMPARE TO IR A

(Branch) ZERO IR A

(") NON-ZERO IR A

(") Plus IR A

(") Minus IR A

IF A (reading switch)

TRANSFER A

SWITCH N

SET SWITCH N TO A

ENTER A

EXIT

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ADD * A

SUBTRACT * A

MULTIPLY * A

DIVIDE * A

RECIP DIVIDE * A

SQUARE ROOT * A

EXPONENTIAL * A

NATURAL LOG * A

SINE * A

COSINE * A

ARCTAN * A

ACCUMULATE * A

RD

READ A

READ (mixed)

EOF A - generated

PUNCH A

TEST IR A COMPARE TO IR A

EQUAL [TEST + 1]

ADD 1 TO IR

TRANSFER [Inst. following LAST
INIT IR]