FIXED PT.

WISCoding for PROGRAM Verification Routine [Simplified Version]

By AKS Date 1/17/58 Page 1 of 1

FLOW #	ORDER #	X	TYPE	A	B	C	#	HEXADECIMAL X	T	A	B	C	
			I	[1]	[14]	[1]		000	0	00D	00d	00D	
	0		I	[14]	[14]	[1]		000	0	00e	00e	001	
	1		I	LOAD w_i' [14]	[14]	[2]	001	000	0	00e	00e	002	
	2		TZ	w_i [x_i] − w_i'	[14]	[4]	CHECKS? 002	000	C	( )	00e	004	x_1 = initial x_i
	3		T	[—]	[—]	[8]	003	000	5	000	000	008	
	4		TZ	x_i [11] − x_f	[12]	[ ]	DONE? 004	000	C	00b	00c	3C8	
	5		A	x_i [11] + 001	[13] → x_{i+1}	[11]	005	000	8	00b	00d	00b	
	6	13	E	x_{i+1} [—]	[25,12]	[2]	006	00d	1	800	19C	002	
	7		T	[—]	[—]	[1]	007	000	5	000	000	001	
	8		H	[—]	[—]	[9]	008	000	6	000	000	009	
	9		O	[11]	[11]	[10] x_i	009	000	7	00b	00b	00a	
	10		O	[14]	[14]	[11] w_i'	00a	000	7	00e	00e	00b	
	11		O	[x_i]	[x_i]	[4] w_i	00b	000	7	( )	( )	004	x_1
	12		O	[x_f]	[x_f + 1]	[4]	00c	000	7	( )	( )	004	x_f + 1
	13			constant 001	[ ]	[ ]	00d	000	0	001	001	000	
	14			Opsto [for] w_i	[ ]	[ ]	00e	000					
				[ ]	[ ]	[ ]							

w_i = [Stored Word presently being checked] w_i' = Same word "fresh" from tape

x_i = [address of w_i] [ ] x_1 = first word address

x_f = [address of last word to be checked]

[ ] [ ] [ ]

The program to be checked should follow this routine, the first order on the tape (the loading input order is not checked).

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