

ERRATA for *From Computer to Brain*

p. 53 (center) should be “A word will typically be 4 or 8 bytes, hence 32 or 64 bits. Using straight binary storage an 8-bit byte can store up to 11111111_2 (FF_{16}) which is $100000000_2 - 1$ or $1 \cdot 2^8 - 1 = 255$.”

p. 74 (Program 2) Contents of step 22 and step 24 are reversed; should read:

y assignment section

20	SKP 10	3010	x==0? (i.e., did x start out as 5)
21	JMP 24	4024	if $x \neq 0$ (if x not equal to 0)
22	ADD 13	0013	if $x \neq 0$ ACC = 3
23	JMP 25	4025	set y and finish
24	ADD 14	0014	if x==0 ACC = 1
25	LDA 11	6011	$y = \text{ACC}$ (set y)
26	HLT 00	7000	stop

Program 2: Conditional program: if (x==5) y=3; else y=1;

p. 100 Fig. 6-5 Unit a in figure should not be solid (set); reference in text should indicate that both unit a and b receive only inhibition and remain unset.

p. 288 line 4 conversion should read: “Similarly, $1001.101_2 = 1 \cdot 2^3 + 1 \cdot 2^0 + 1 \cdot 2^{-1} + 1 \cdot 2^{-3} = 9.625_{10}$.”