u u u 4/1990 - 500 - 10 Jule 9_1 Bi Multiplier Clock R6 RI R2 R3 RS R4 CI 151 2 132 C2 CI+DI A1+B1 3 A3 B3 A2+132 C2+D2 A4 84 C4 A3+B3 C3+D3 5 135 A5 C5 A4+184 C4 + D4 6 C6 A6 836 AS+ BS C5 + D5

$$K=3$$

$$9-d-b$$
 $t_n = 40 + 45 + 15 = 100 \text{ ns}$

$$9-\lambda-C$$
 $n=10$ $S=\frac{n t_n}{(k+n-1)t_p}=\frac{10\times100}{(3+9)50}=1.6$

$$S = \frac{n + n}{(k + m - 1/t_p)} = \frac{100 \times 100}{(3 + 9/50)} = 16.8$$

$$-d$$
 (k+m-1/tp (3+9)50

$$9 - d - d$$

$$S_{max} = \frac{t_n}{t_p} = \frac{100}{50} = 2$$

9-14

Load: RI ← Memory

Increment: RI RI+1

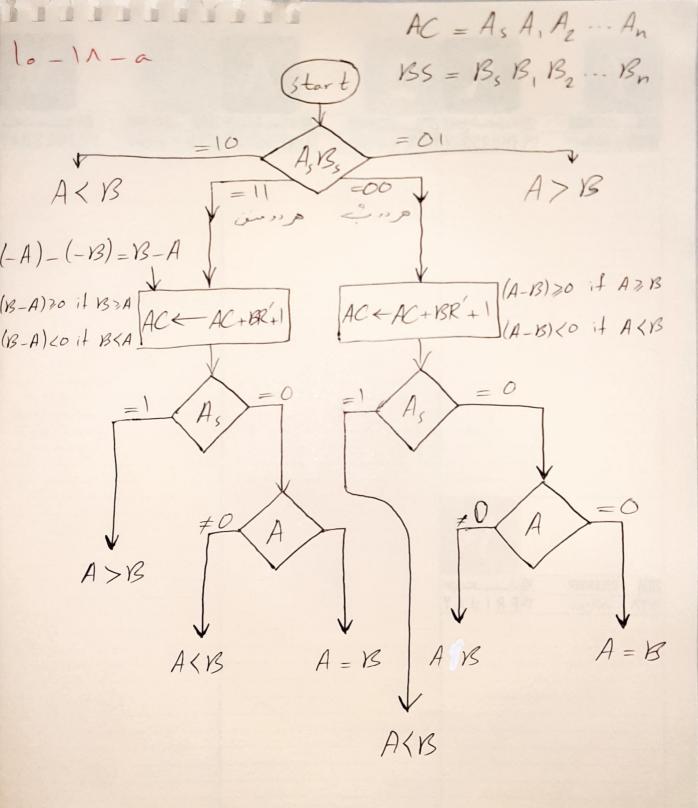
	(2	3	4
	I	A	E	
1		I	A	E

1. -
$$\Lambda$$

. = $N^{n} - 1$
 $N^$

art and July Tue

$$BR = 01111$$
 $BY' + 1 = C_2(BR) = 10001$



1. - IN - b Start =01 =10 As Ss ACB A>B i -1 AiBi ALB A>B ≠ n 2 ← 2+1 > A = 13 2

مانسا وجود نارد. می رایز رخ نی واند برهم بهی مانسیا وجود نیارد.

DX m px m