Final Exam Review

Exam: Monday May 4th 10:15-12:15

Show up to Zoom before @ 10 am - 10:15

Practice: Retake Exam 2 up to 2 turnes for make-up craft an Exam 2.

Quiz 5 15% will be allocated to other

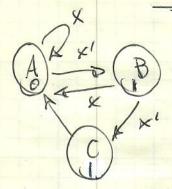
HW, Labs, KI, K2 and final 3% each

Content:

- o Kmap
- · Glue logic
- · BBB timing
- · Algorithm SD
- 0 SD -D MIE, OE
- · Algorithm + SD+DP Control Wood
- · Verilog

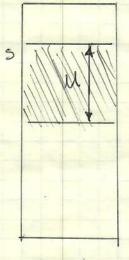
holot. Scane problems may have several associated questions. In these cases the problem statement will be repeated. He on the look out for this and use Canuas navagation to look @ next questions

State Diagram has output in state

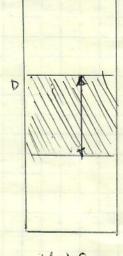


Move M words from address 5 (source) to address D (destination)

37



Original



Medified

Yes the source block and dedination block may everlap.

Solotion more last ward in source block first, then work towards first word. By the time 0 block werlaps 5 block, the averwritten word will attend have been moved.

Algorithm :

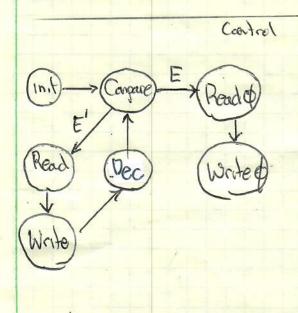
for (i=M-L; i 1=0; i--) {

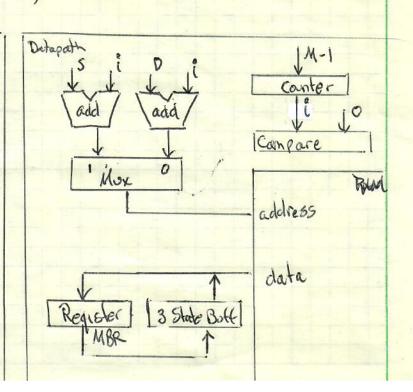
MBR = RAM[Sti]

RAM [D+i] = MBR;

MBR = RAM[S];

RAM[D] = MBR;





Cantrol word table

	Courtes co hold of up 10 down 11 load	Mux O Dti I Sti	MBR 6 hold 1 lood	3 State 0 7 1 Miles	CS	RE 6	WE
Int_	11				0		
Carpoul			*		0		
Read			1	0	l	ι	
Write		0	0		1		- (
Dec	(0				0		
Read wheel			l l	0	l	(
wited		0	0	ı	I		(