

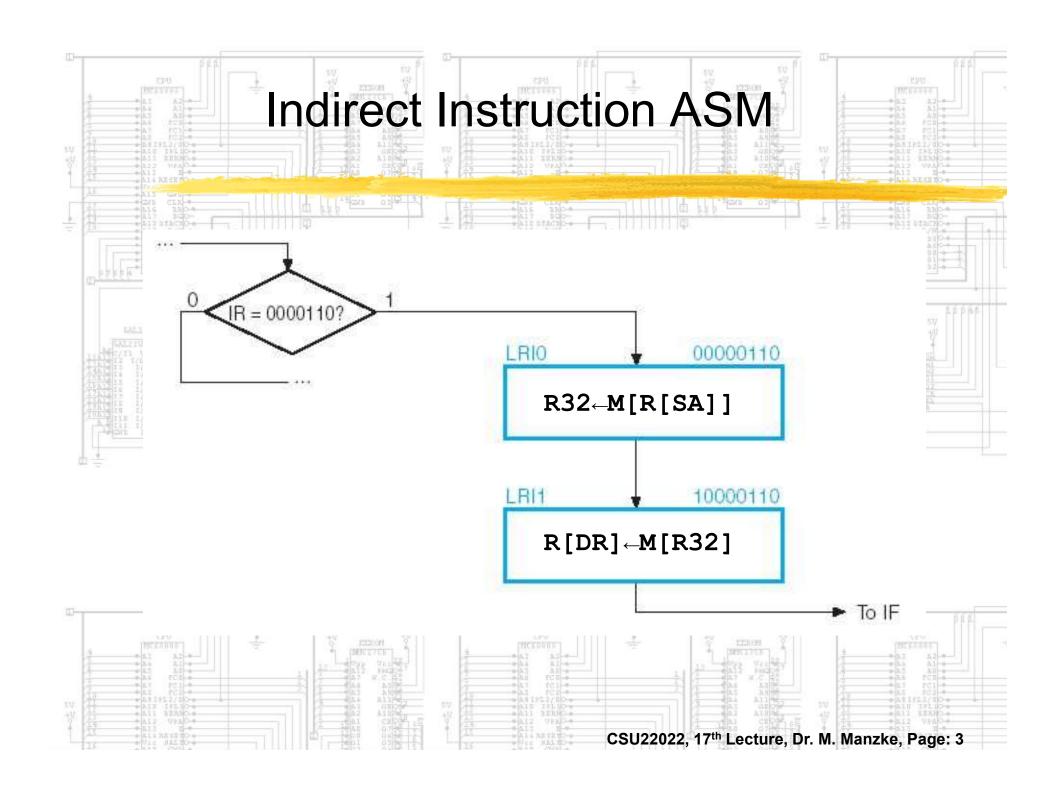
Symbolic/Binary Microprogram

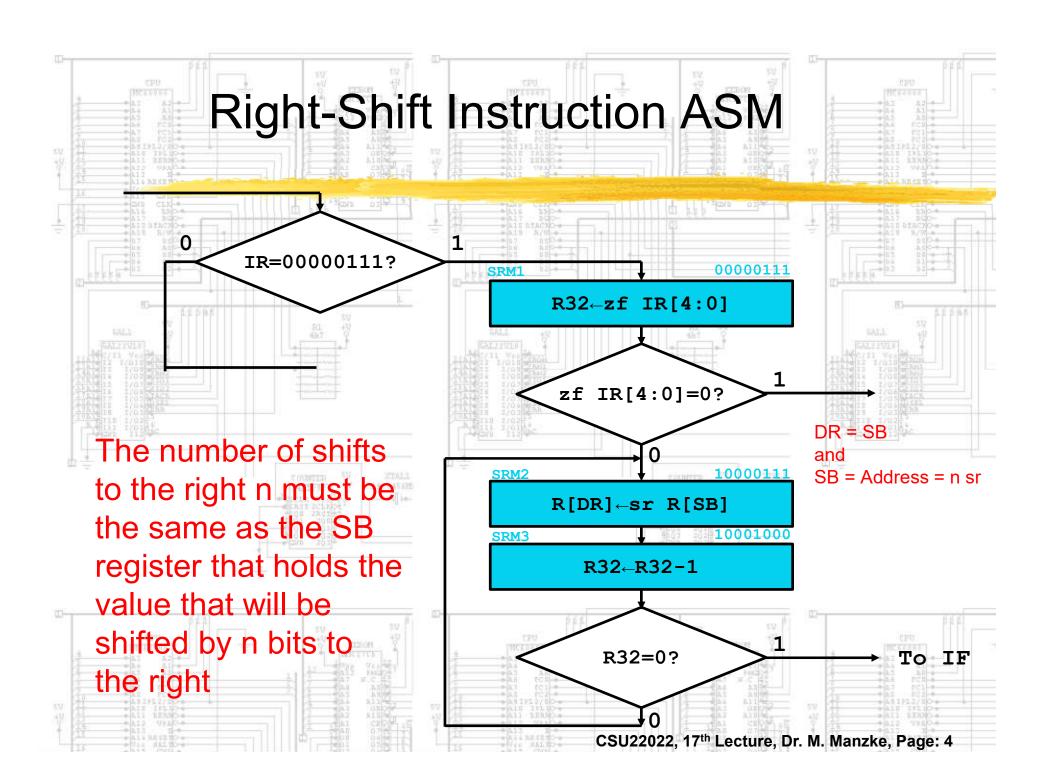
Address	NXT														
	ADD	MS	MC	IL	PI	PL	TD	TA	ТВ	MB	FS	MD	RW	MM	MW
IF	EX0	CNT	_	LDI	INP	NLP	_		r a d a	3 			NW	PC	NW
EXO	3-2	NXT	OPC	NLI	NLP	NLP		=8		3 <u></u>	=8		NW		NW
ADI	IF	NXT	NXA	NLI	NLP	NLP	DR	SA	-	Constant	F = A + B	FnUt	WR	-	NW
LD	IF	NXT	NXA	NLI	NLP	NLP	DR	SA			=8	Data	WR	MA	NW
ST	IF	NXT	NXA	NLI	NLP	NLP	3	SA	SB	Register		50000000000000000000000000000000000000	NW	MA	WR
INC	IF	NXT	NXA	NLI	NLP	NLP	DR	SA		3_3	F = A + 1	FnUt	WR	3	NW
NOT	IF	NXT	NXA	NLI	NLP	NLP	DR	SA	_	·	$F = \overline{A}$	FnUt	WR	-	NW
ADD	IF	NXT	NXA	NLI	NLP	NLP	DR	SA	SB	Register	F = A + B	FnUt	WR	\$2 	NW

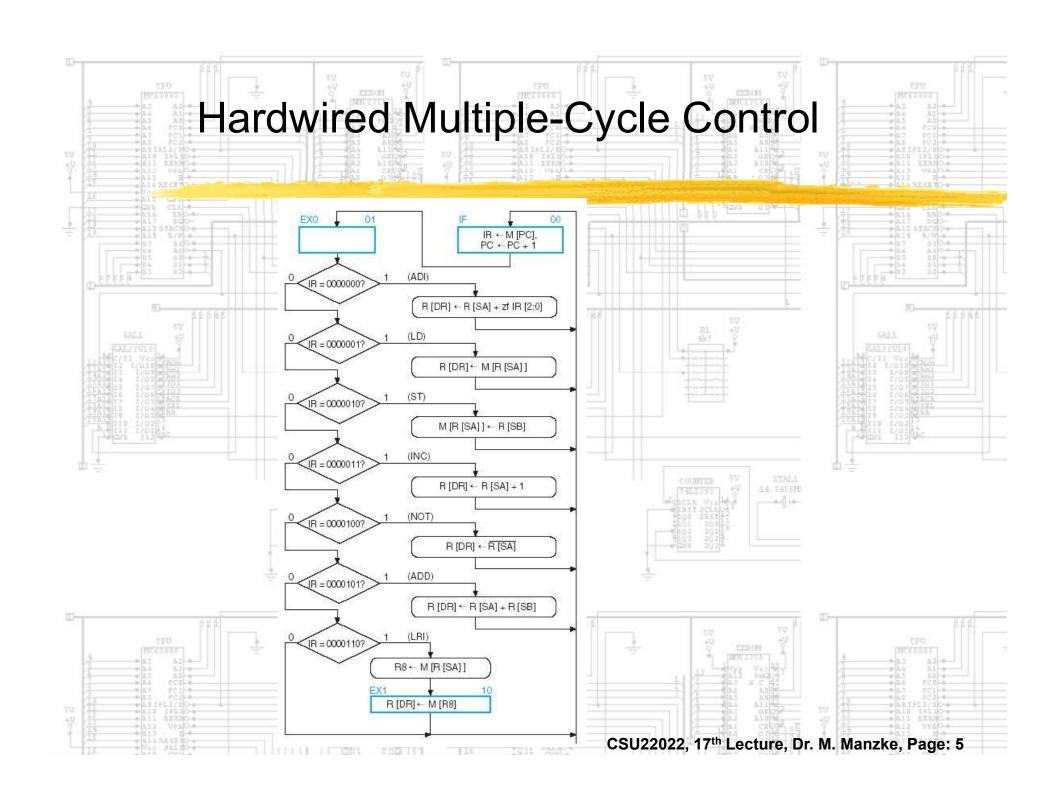
	NXT														
Address	ADD	MS	MC	IL	PI	PL	TD	TA	ТВ	MB	FS	MD	RW	MM	MW
192	193	000	0	1	1	0	0	0	0	0	00000	0	0	1	0
193	000	001	1	0	0	0	0	0	0	0	00000	0	0	0	0
000	192	001	O	0	0	0	0	0	0	1	00010	0	1	0	O
001	192	001	0	O	O	0	0	0	0	0	00000	1	1	0	0
002	192	001	0	0	0	0	0	0	0	0	00000	0	0	0	1
003	192	001	0	0	0	0	0	0	0	0	00001	0	1	0	0
004	192	001	0	0	0	0	0	0	0	0	01110	0	1	0	0
005	192	001	0	0	0	0	0	0	0	0	00010	0	1	0	0

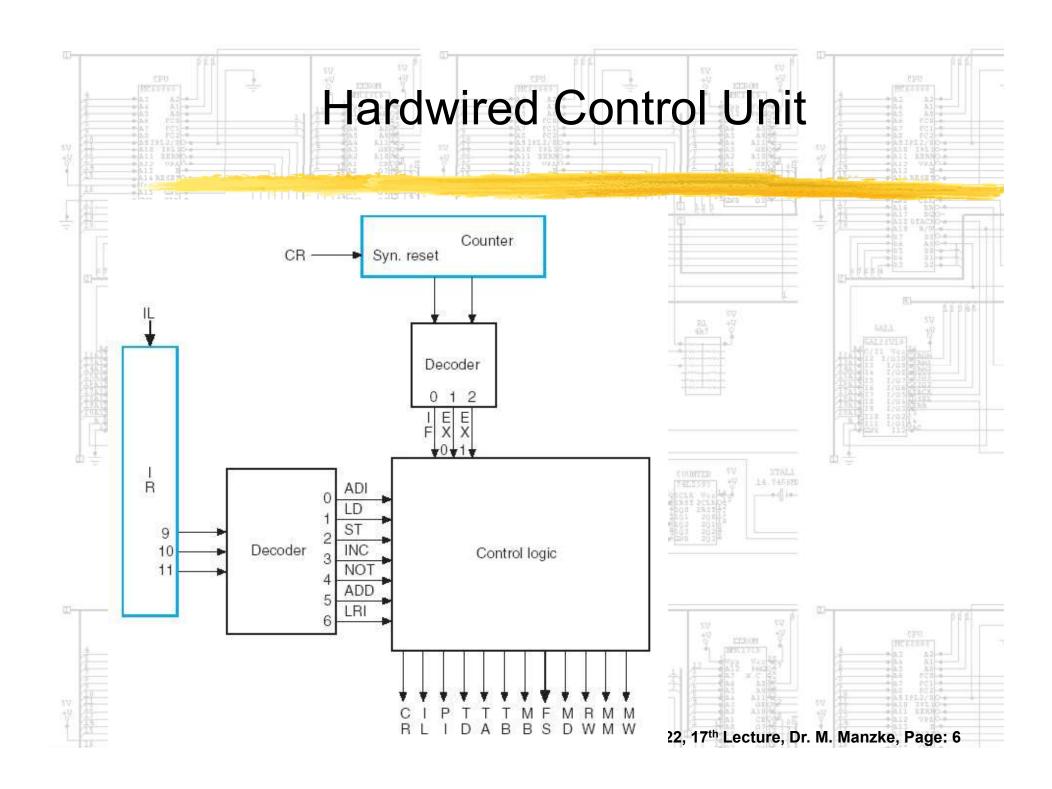
This is not our control memory but similar

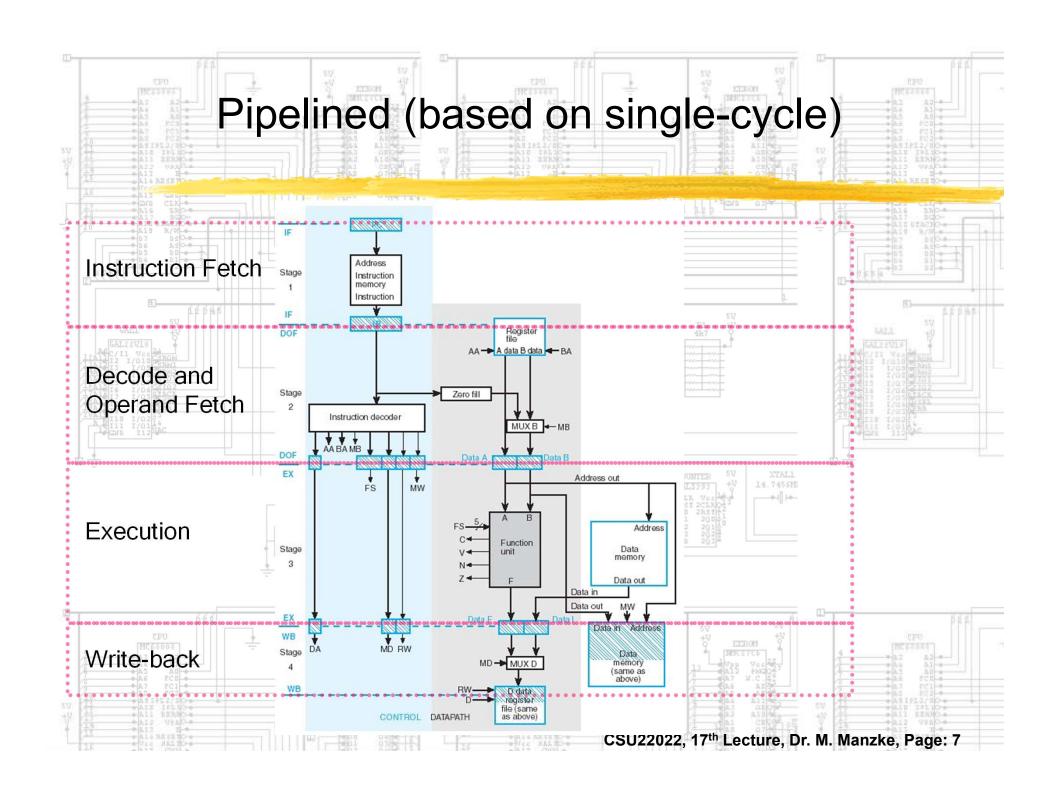
CSU22022, 17th Lecture, Dr. M. Manzke, Page: 2

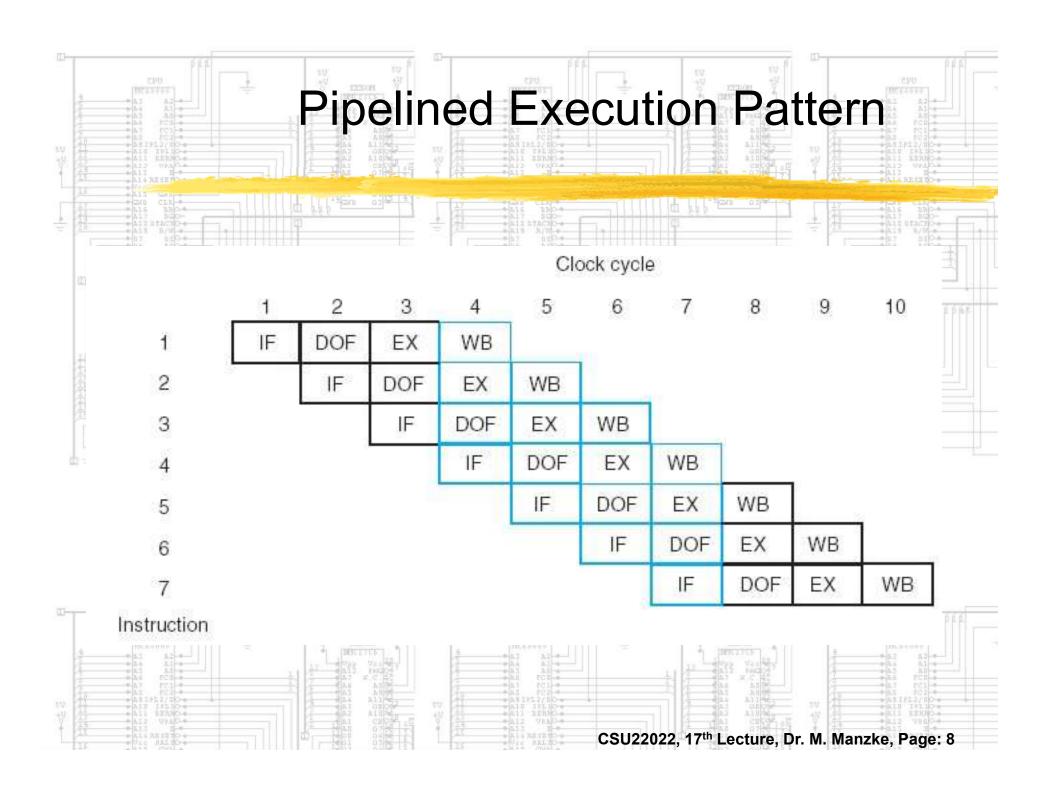












Computer Architecture and Microprocessor Systems

