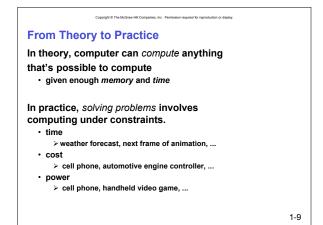


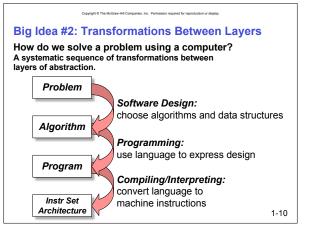
State	Symbol	ction Table Tape		Next State	1
A	β	- ·	-	Halt	
A	0	Print 0	Move Right	Α	
A	1	Print 0	Move Right	в	
в	β	-	-	Halt	
В	0	Print 0	Move Right	Α	
в	1	Print 0	Move Right	С	
С	β	-	-	Halt	
С	0	Print 0	Move Right	Α	
С	1	Print 1	Move Right	D	1
D	β	-	-	Halt	
D	0	Print 0	Move Right	D	1
D	1	Print 0	Move Right	D	1

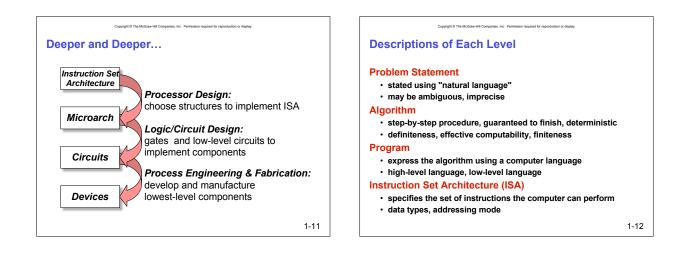
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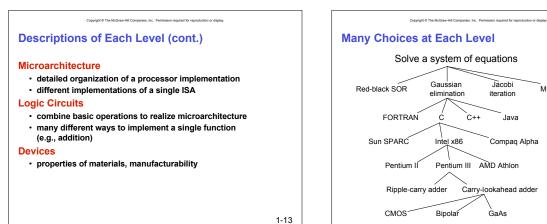
→ c(a+b)

1-6









nies, Inc. Permission required for repro ion or display. What's Next **Bits and Bytes**  How do we represent information using electrical signals? **Digital Logic**  How do we build circuits to process information? **Processor and Instruction Set**  How do we build a processor out of logic elements? What operations (instructions) will we implement? Assembly Language Programming · How do we use processor instructions to implement algorithms? How do we write modular, reusable code? (subroutines) I/O, Traps, and Interrupts How does processor communicate with outside world? 1-15 Multigrid

cost

power

(etc.)

Tradeoffs:

performance

1-14