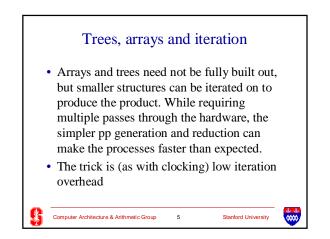
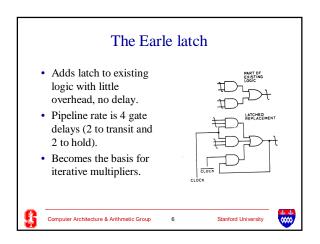
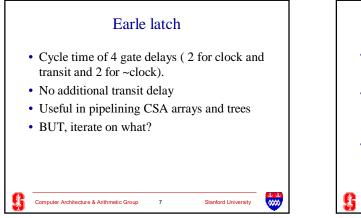
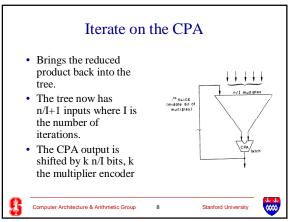


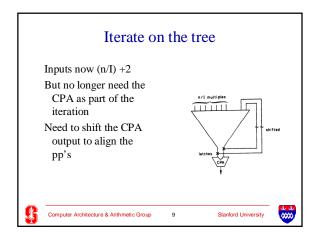
	Multi	pliers		
Туре	D= Delay (CSAs)	W	D,W for 27b case	
Wallace	2log <sub>3/2</sub> n	depends	7	
Binary tree	2[log <sub>2</sub> n-1]	2[log <sub>2</sub> n]	8, 10	
ZM (type1)	2 sqrt (n)	5	9, 5	
OS (type1)	sqrt(2n-6)	6	8,6	
Higher Order array	2 sqrt (n)	5	9, 5	
Computer Architectur	e & Arithmetic Group	4	Stanford University	***

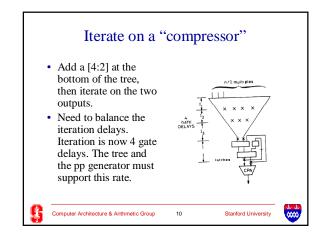


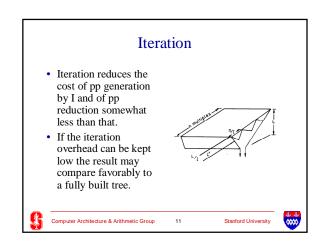


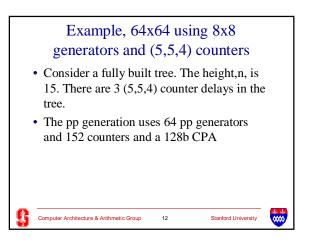


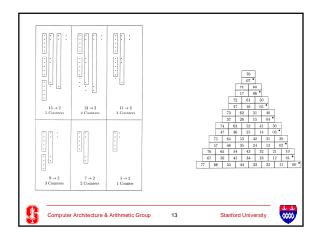


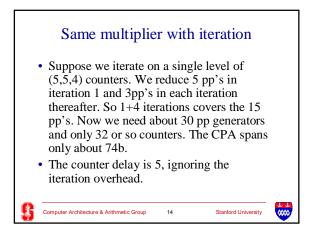




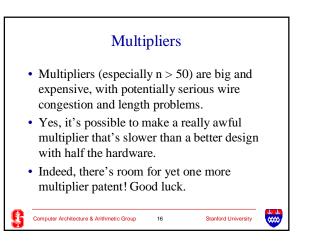


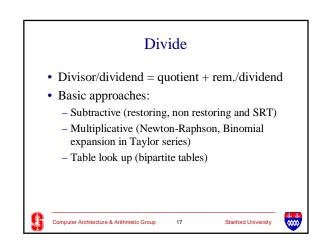


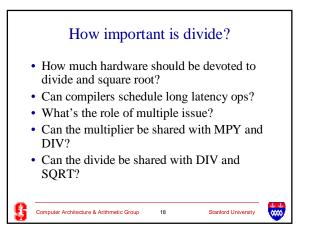


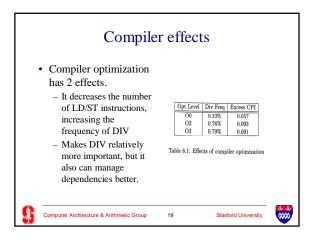


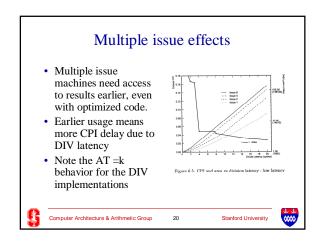
Туре	pp's needed to be generated	Depth in (5,5,4)'s	CPA size required
Tree	15	3	128b
Iterative (one level)	3	5 (plus clocking overhead)	74b











algorithm	Latency	Excess	Area (rbe)
-	(~)	CPI	
1b	>40	0.5	2500
2b	20-40	.13	3110
4b, simple NR	10-20	.041	4070
8b	4-10	.0107	6665
Very High radix	<4	< .01	>100,000

