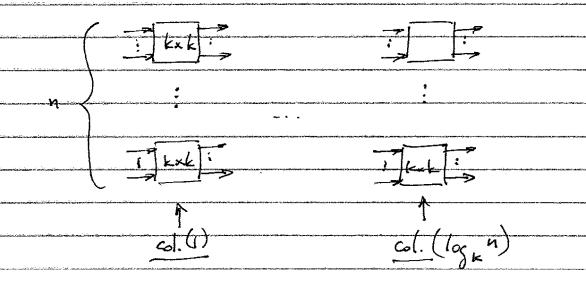
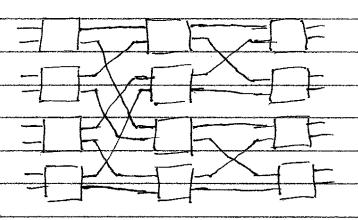
CONTRACTOR OF THE CONTRACTOR O	<u>/</u> ~	TERCONNICTION	NETWORKS	SHT 1 OF S
	Type	Cost	Lalency	Contention
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	Full crossla	$r = O(n^2)$		Best.
	Omega Netw	och nklosi	n Ollog n	
	TREE	O(n)	0(lo _{f2} n	
	HYPERCURE	O(nlogi	1) O(loj 1)	
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		nis List-adala. Maintin di nistro, wasa-anis di nistro di Striptant di Nova di Nova (Nova Antonio Antonio Anto		والمستقدمة المستقدمة
		ngrapagagan namungan samungan kanamatan ini magan samundan sambah dadar lalah dalam sambah sabis ba Pasalifa Baran samundan samun		
				alataniakan kandisalah kandisalah kandisalah dari dari bagi da Panda (Pa. mayayay) (mananagada ya Manana kandisalah kandisalah kandisalah kandisalah kandisalah kandisalah kandisalah kandisalah kandisalah kand
Wilder-room				

MORE DETAIL, OMEGA NETWORK

* OMECA NETWORK (DUNCAN LAWRIE, UIUC)



Example: n=8 k=2

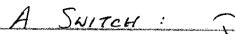


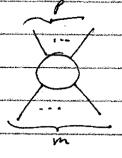
* BANYAN TREE (G. JACK LIPOVSKI, UT)

l = # of levels of suitches

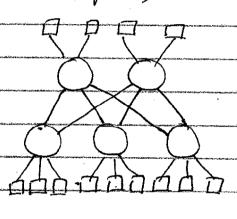
p = # of connections on processor side

m = # of connections on memory side

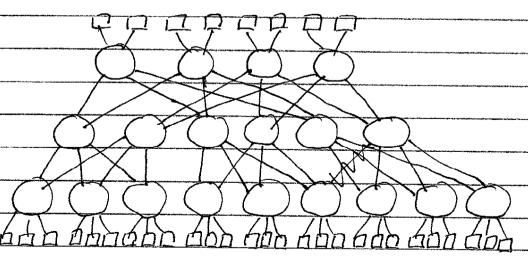




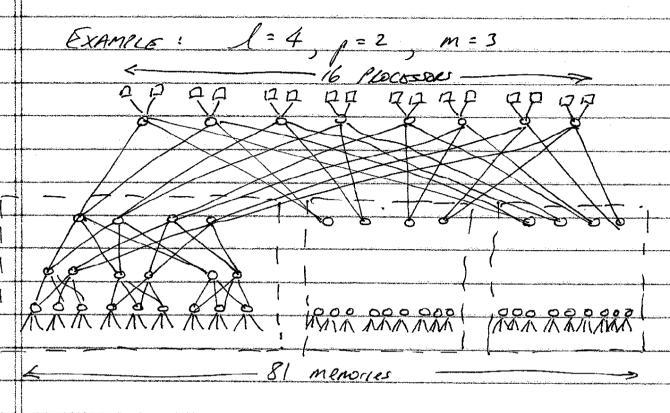
EXAMPLE: l=2, p=2, m=3



Examples: l=3, p=2, m=3



BANYAN TREE (CONT.)



NOTE: pl PROCESSORS ml MEMORIES

Level 1 Surross: p^{l-1} u = 2 $u = m \cdot p^{l-2}$ u = 3 $u = m^2 \cdot p^{l-3}$ $u = m^2 \cdot p^{l-3}$

NOTE: FOR BOTH OMETA AND BANYAN:

A UNIQUE PATH FROM EACH TO EACH.

DMEGA NETWORKS (BONUS EXAMPLE)

