Note Title 06-11-2012 RAID-6 × Two farity blocks are mirrored V syndrome based error-correction. Multiprocessors 4-Cores.

Flynn's Taxonomy.

SISD: Standard processor

Mims: multible unrelated frograms running forallely.

SIMD: 1) Vector processor.

for (i=0: i<n; i++)

C[i] = A[i] + B[i];

ADDVEC & C, RA, RB vector Load-Store also.

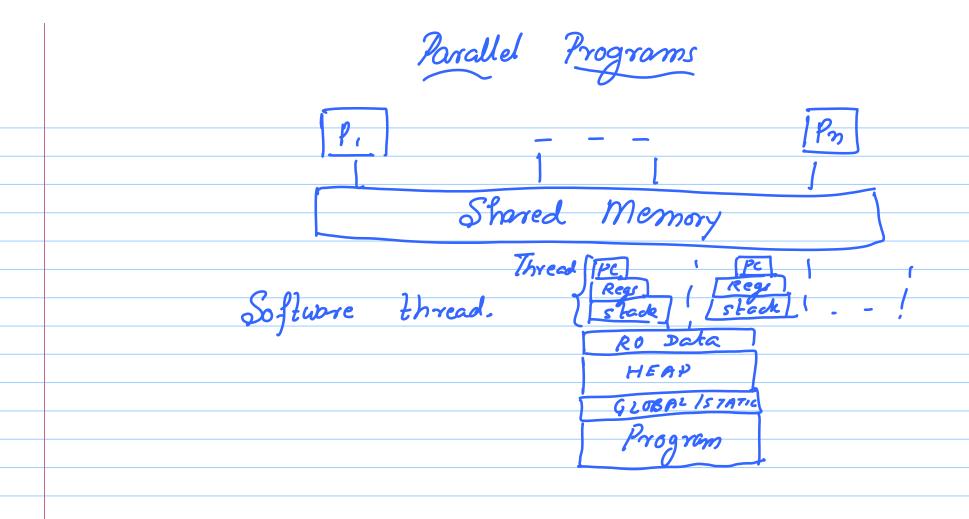
2) Grafhics.

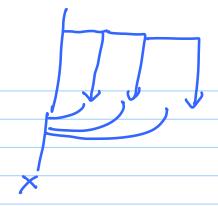
SCRATCH-PAD CONSTANTS

512 ALUS

Global Mem.

misp: X





Java

-> extends Thread

-> implements Rumable.

C/ctt

Jithreads.

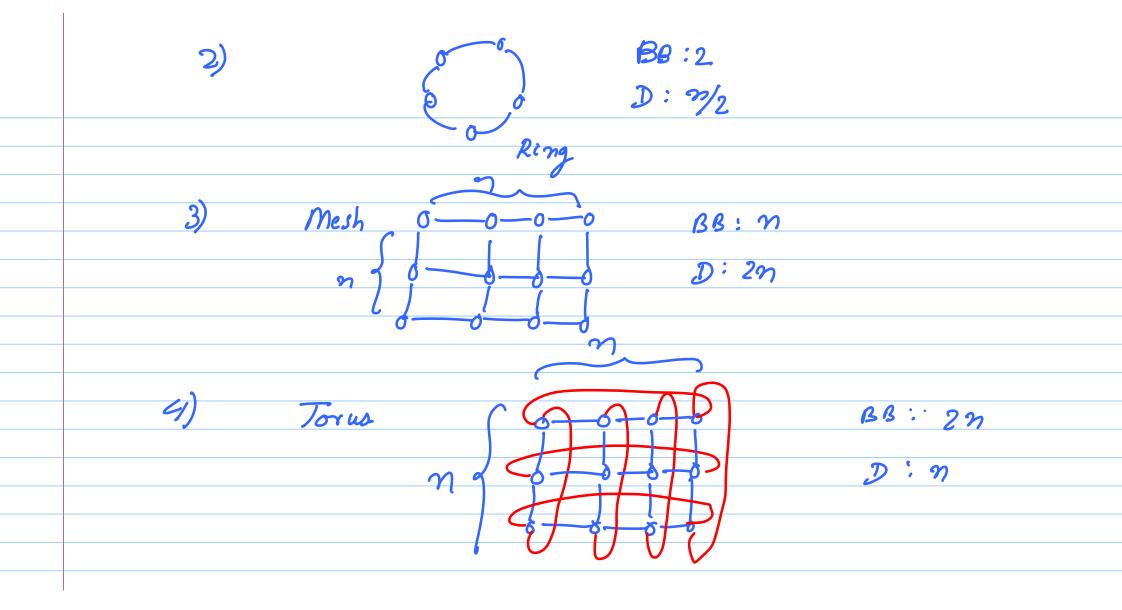
John mp

Shared Memory

Callowable orderings)

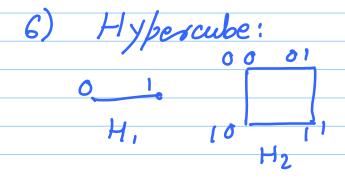
 γ_{i} γ_{i

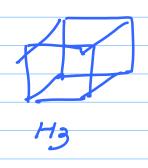
(Message Passing Topologies. Interface. Chain BB: 1 2:0(n) Bisection Bondwidth: Minimum number of links that need to be cut to fortition the network into two equal forts. Diameter: Largest shortest fath between two nodes

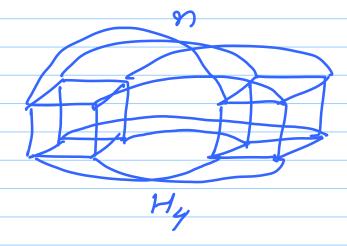




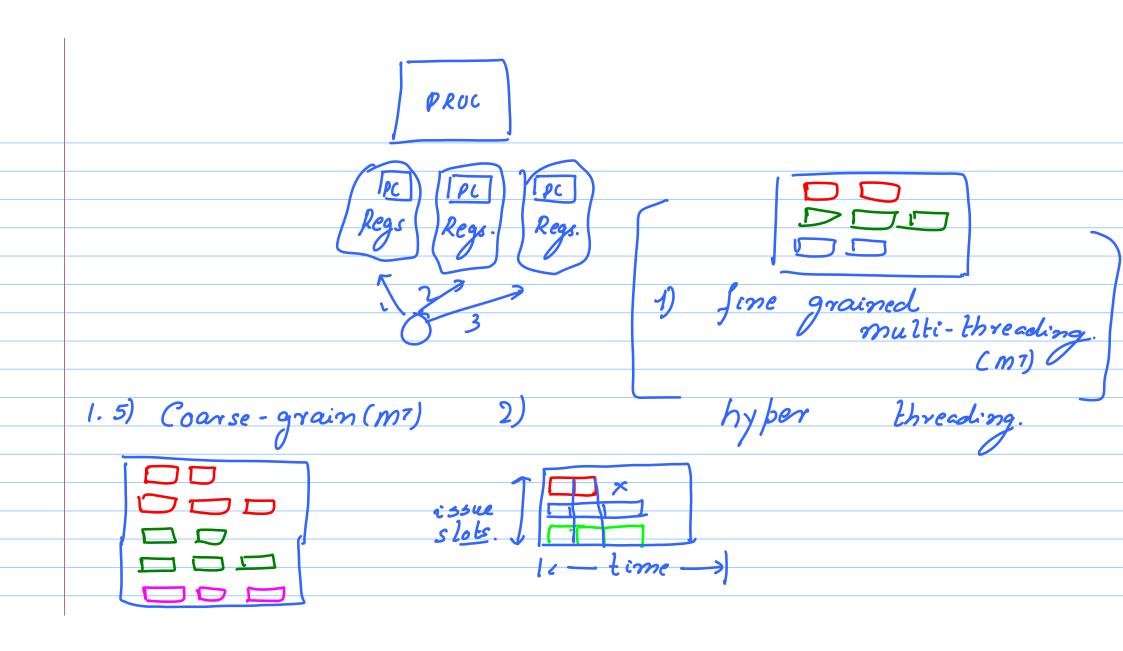
D: 2 log (n)



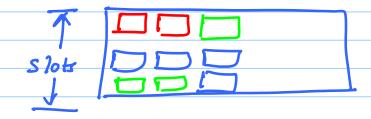




BB: n/2 D: log(n)Paradigms Shored Memory Distributed Memory Multe-core mulli-thread



3) Simultaneous Multi-Threading (SMT)



Server: Kalindi. cse.



Each core con

support 2 HW
Threads.

Total: 64 HW Thols.

(Shared Mem)