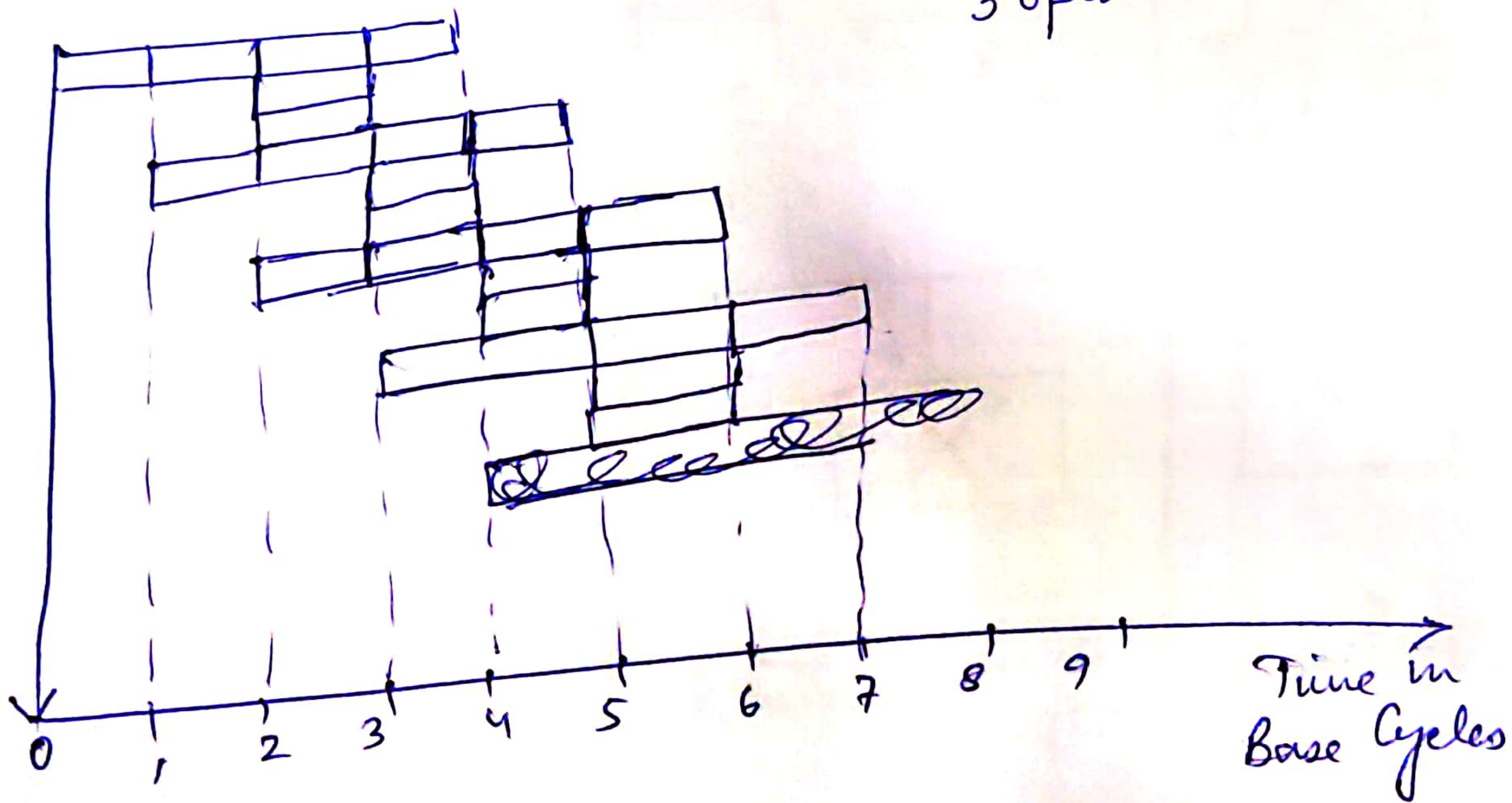
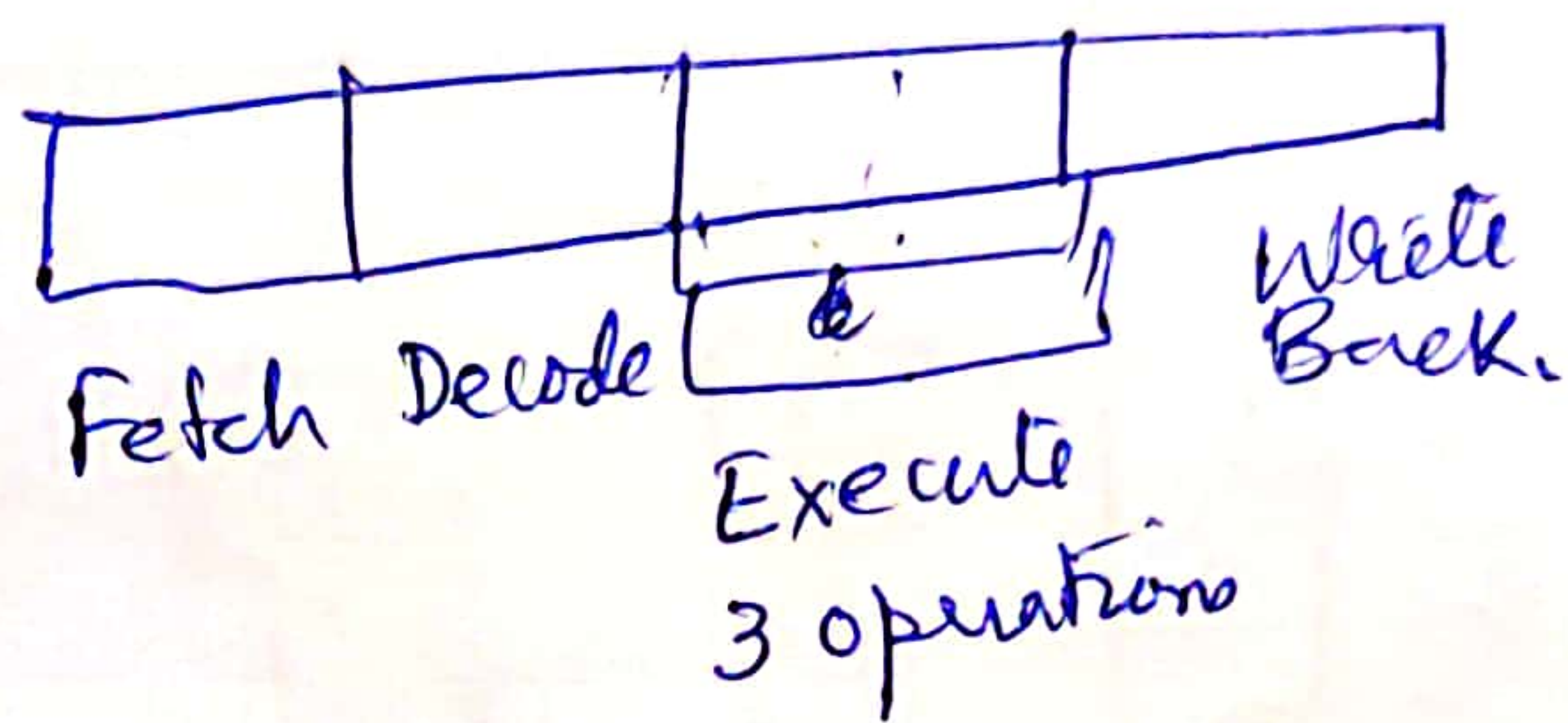
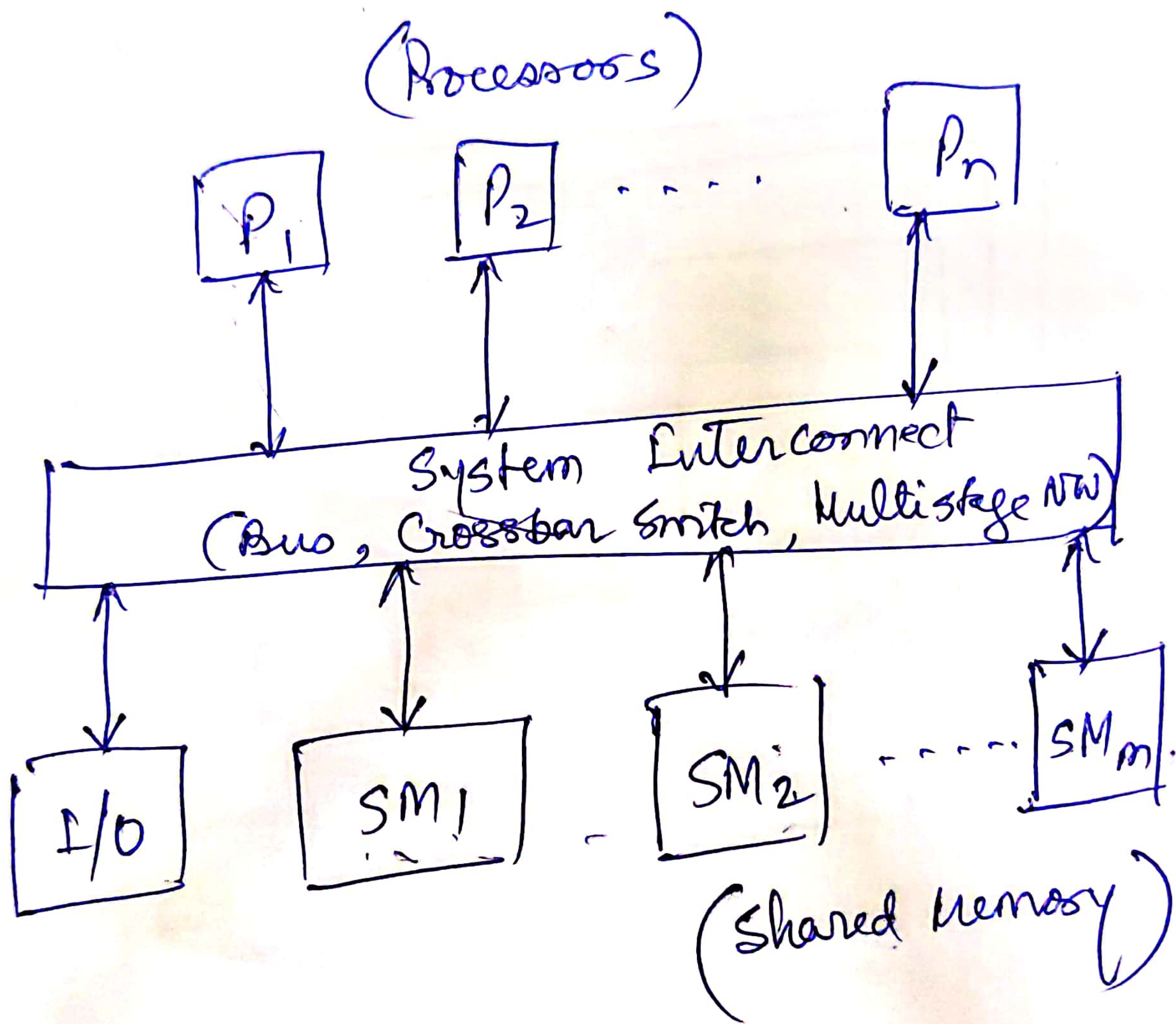


Pipelining in VLIW Processors



VLIW execution with degree $m=3$.

UMA Multiprocessors Model



Uniform

NVMA model (shared local memories)

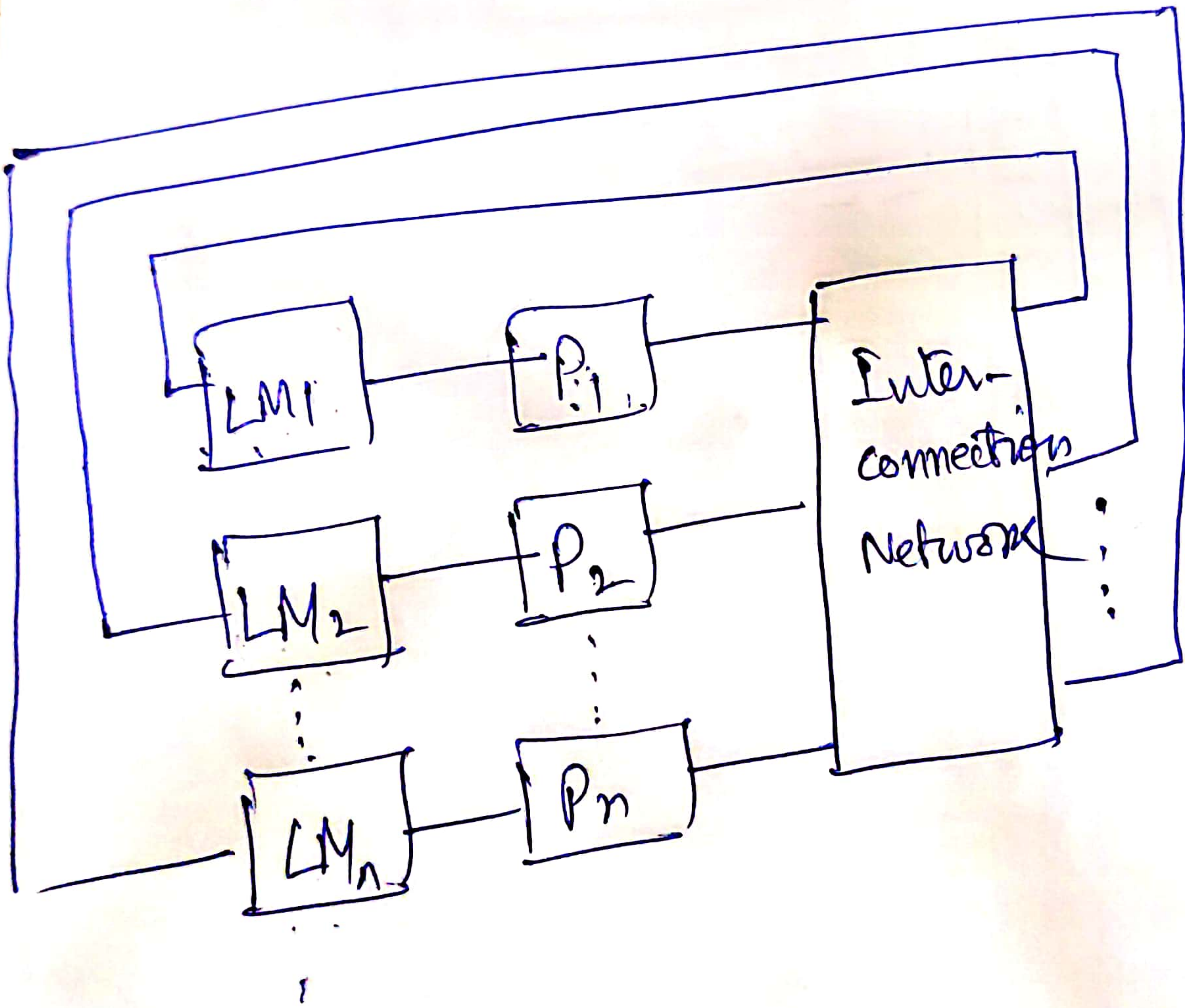


Figure (a)

Hierarchical Cluster Model (NUMA)

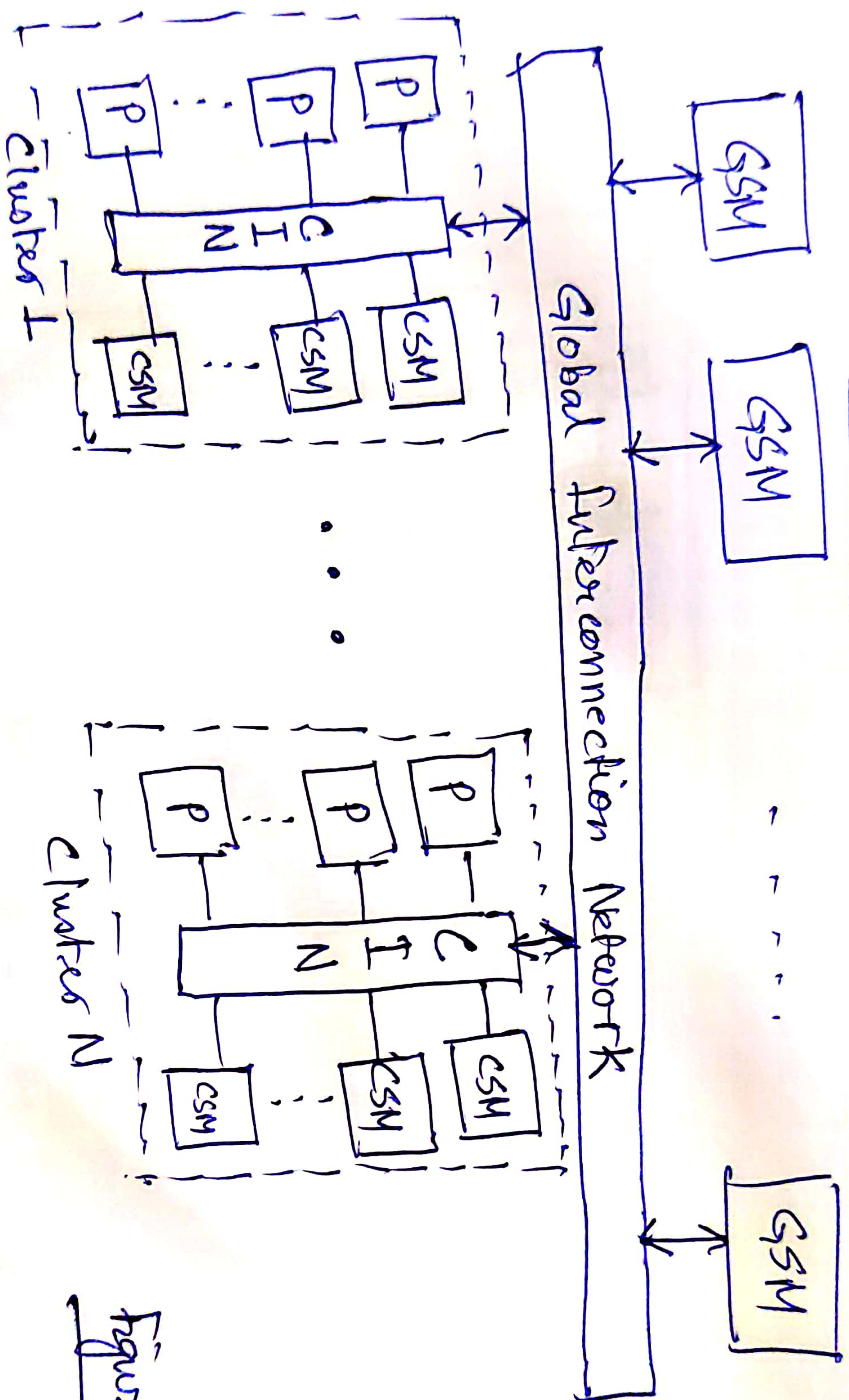


Figure (b)

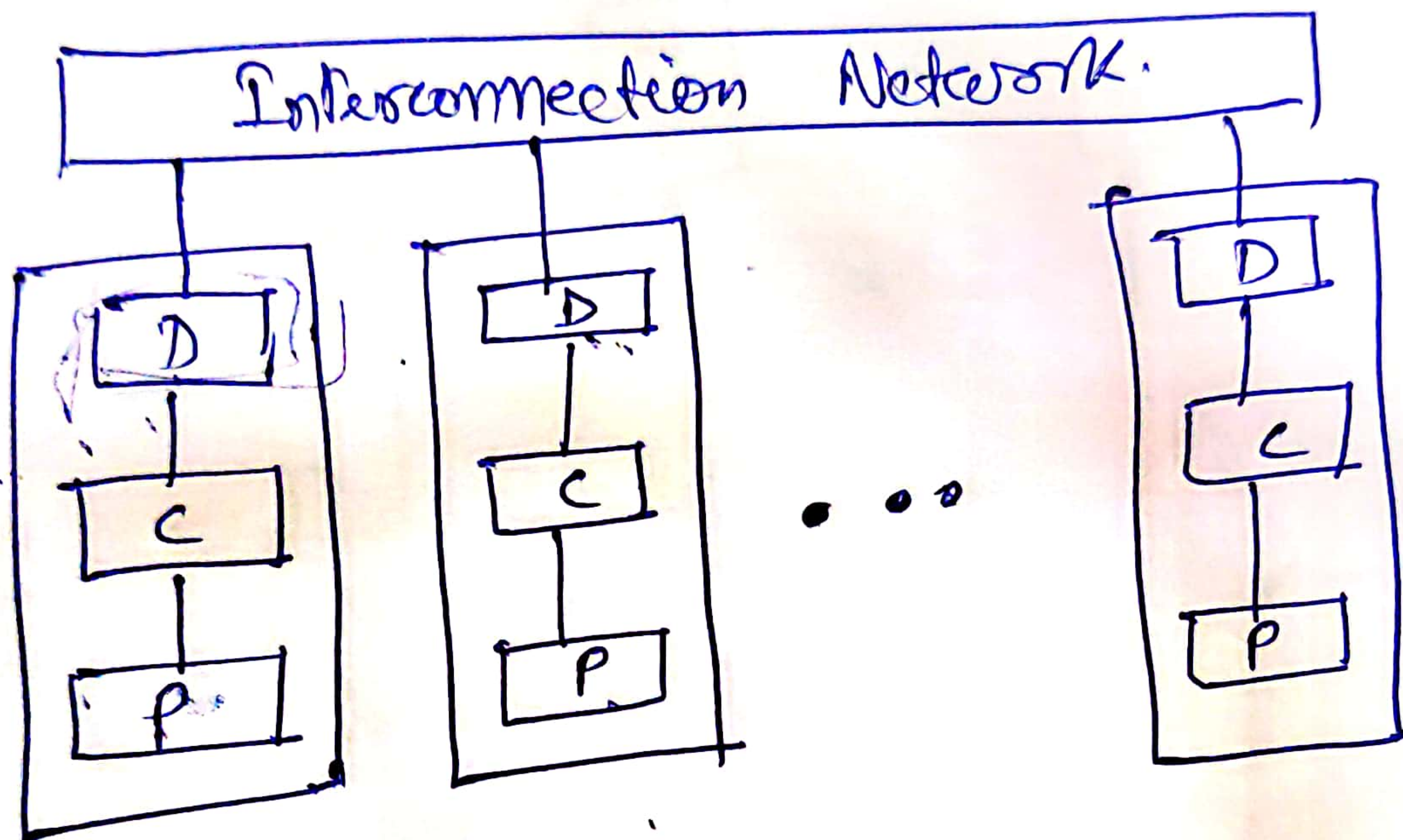
P: Processor

CSM: Cluster Shared Memory

GSM: Global Shared Memory

CIN: Cluster Interconnection Network.

CoMA Model

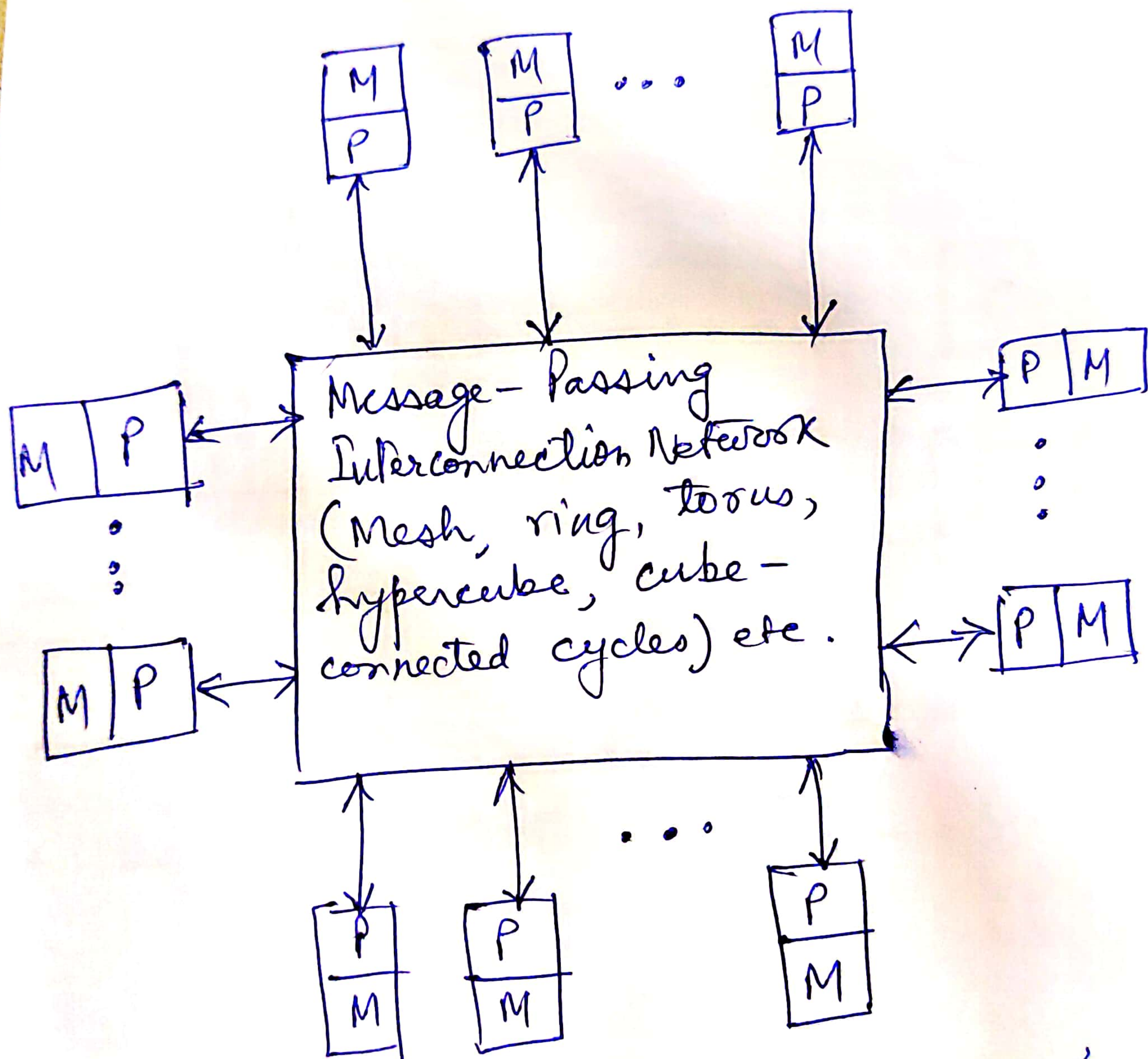


P : Processor

C : Cache

D : Directory

NoRMA Architecture



Generic Model of a message-passing multi-computer.

CC-NUMA Shared Memory Multiprocessors

