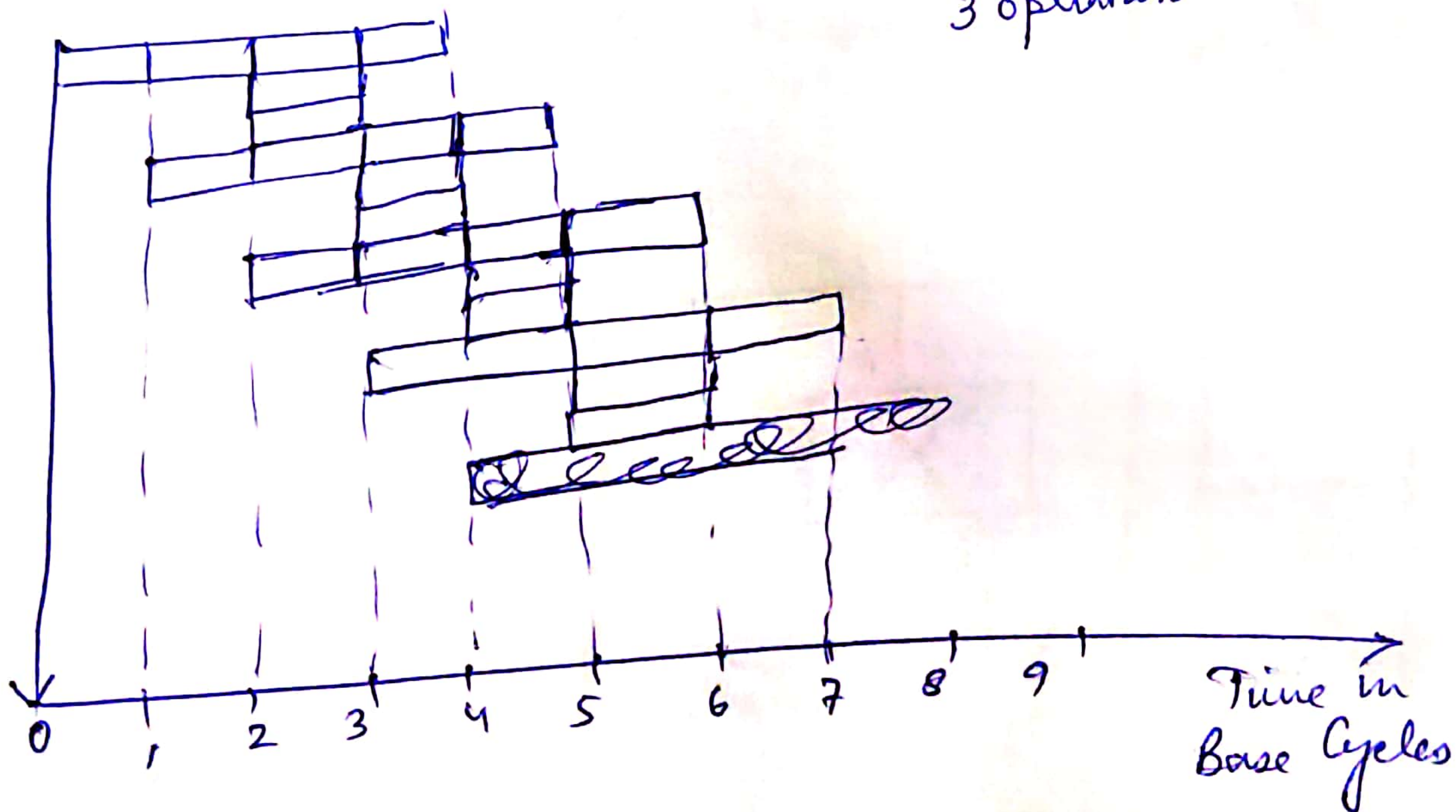
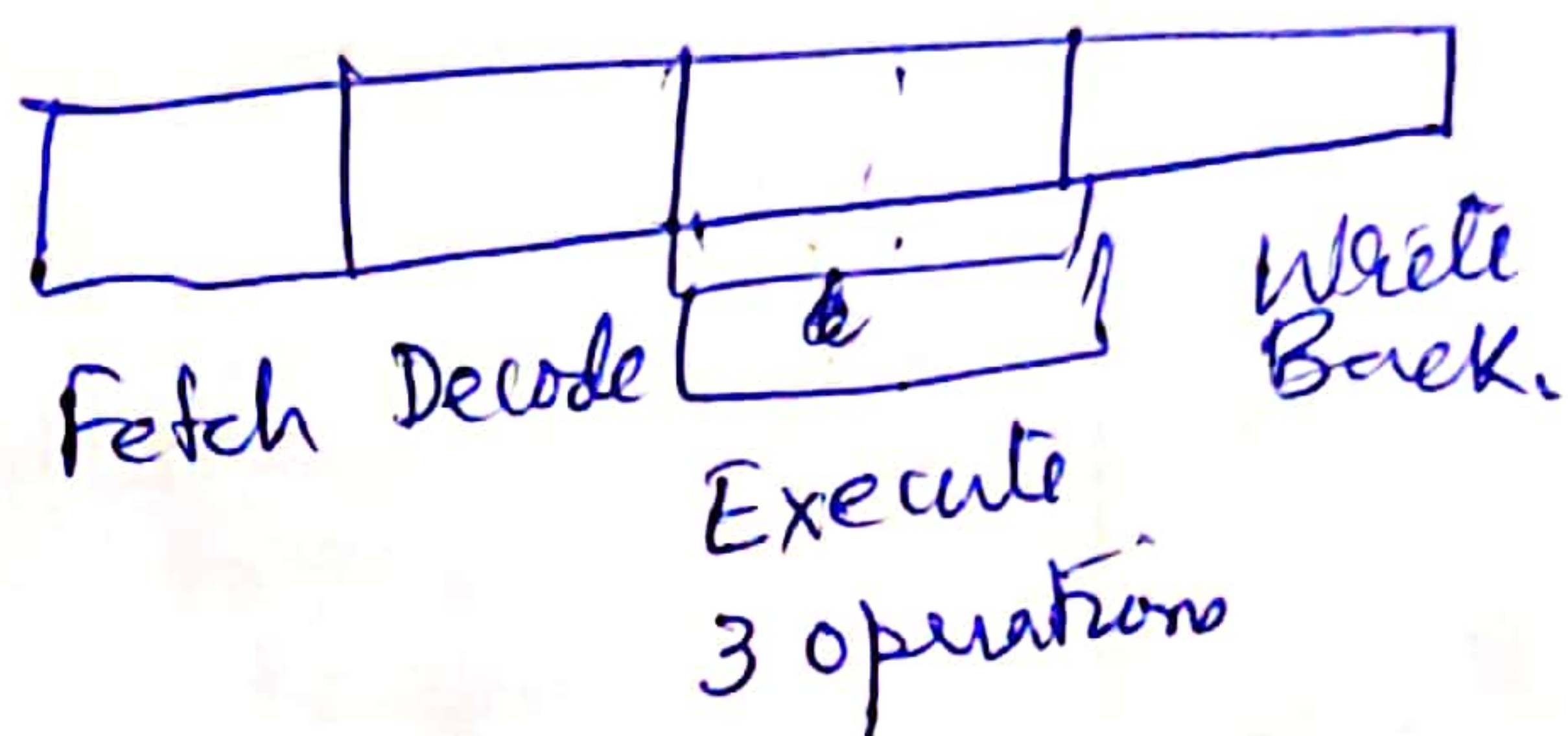


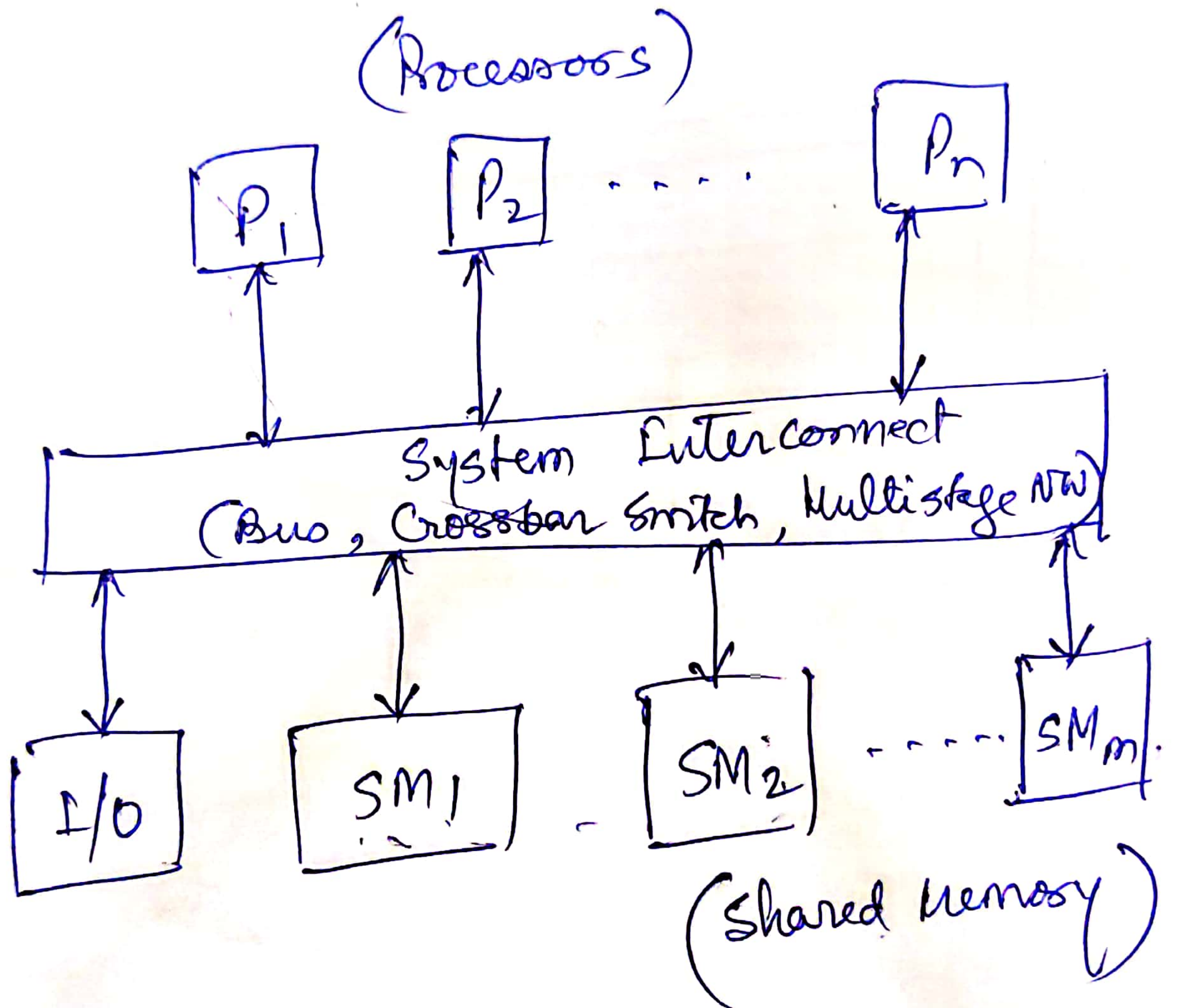
# Pipelining in VLIW Processors



VLIW execution with degree  $m=3$ .



# UMA Multiprocessors Model



Uniform



# NVMA model (shared local memories)

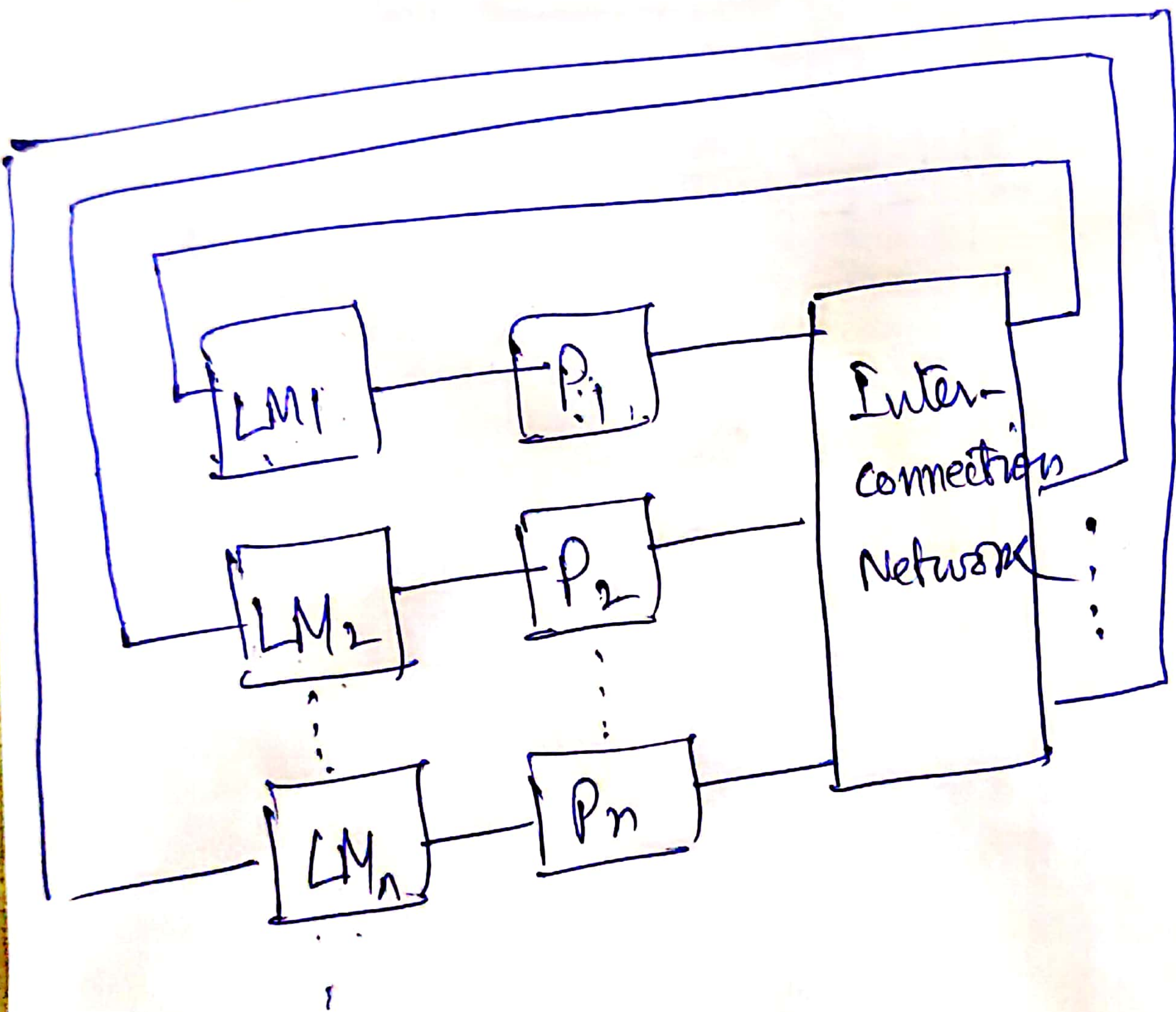


Figure (a)



# Hierarchical Cluster Model (NUMA)

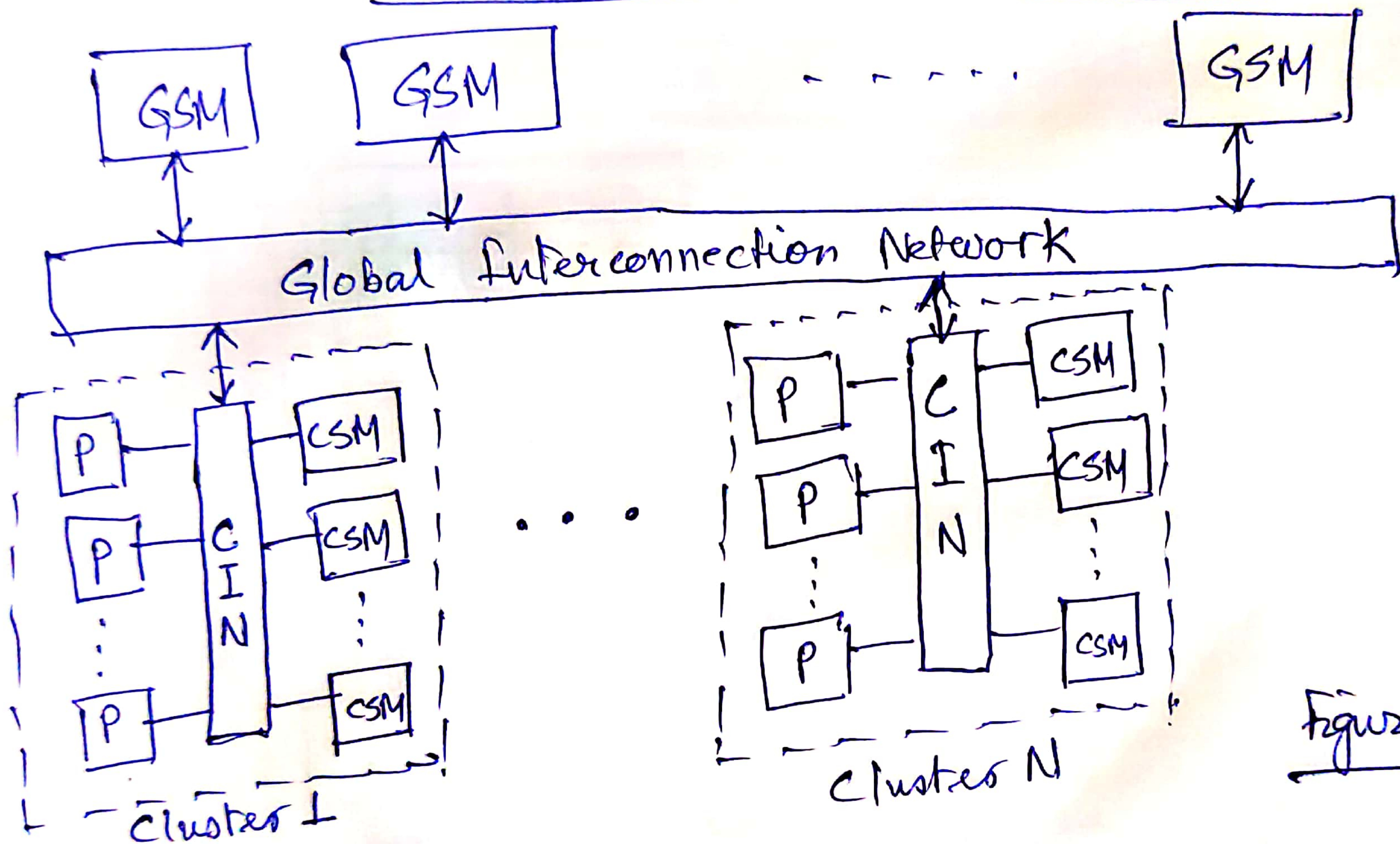


Figure (b)

P: Processor

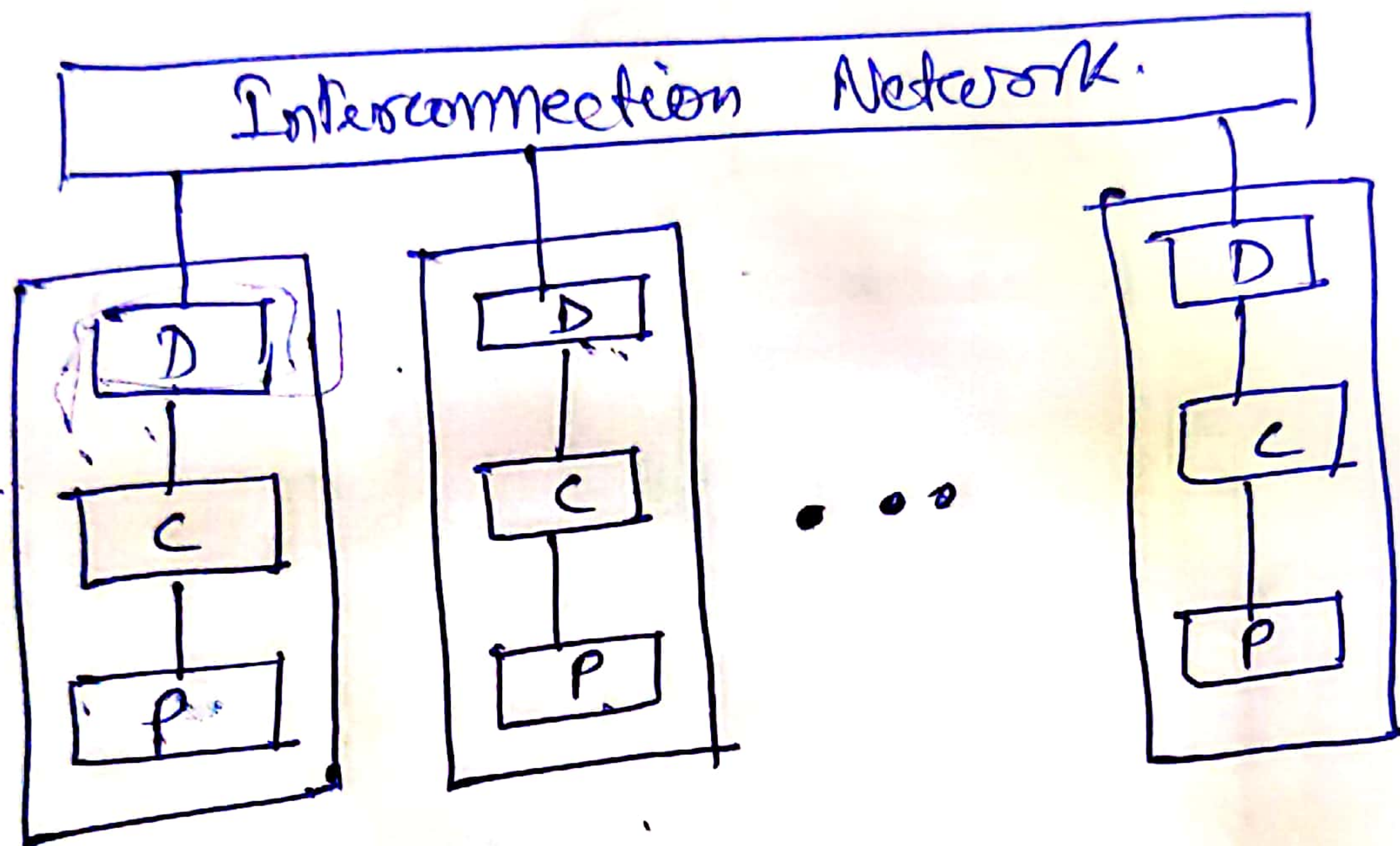
CSM: Cluster Shared Memory

GSM: Global Shared Memory

CIN: Cluster Interconnection Network.



# CoMA Model



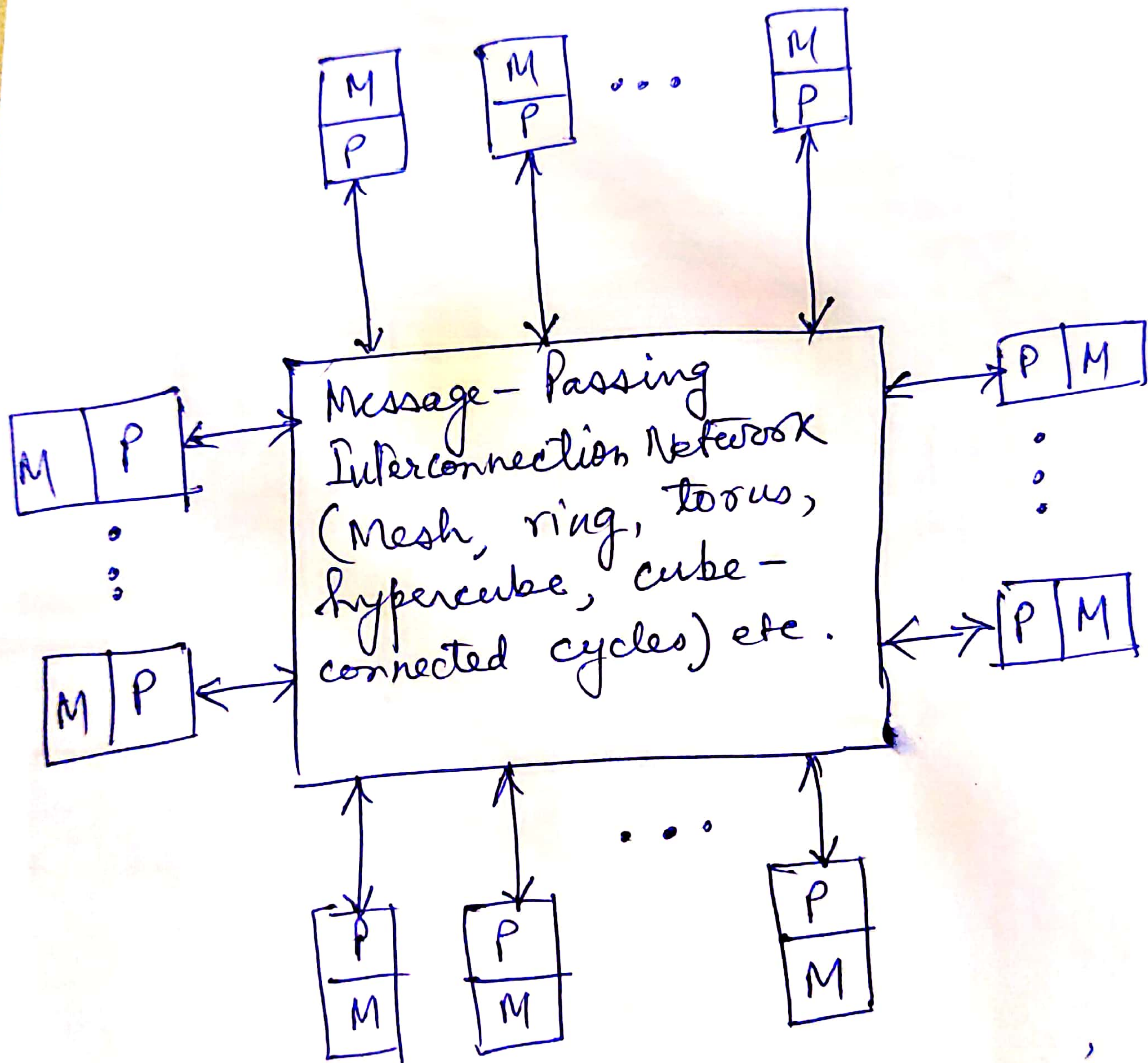
P : Processor

C : Cache

D : Directory



# NoRMA Architecture



Generic Model of a message-passing multi-computer.



# CC-NUMA Shared Memory Multiprocessors

