

Module Glossary

This module covers the following topics.

Module Glossary

- Computation Gap
- Physical speed/Logical speed
- Solutions to reduce the computation gap
- Access gap
- Solutions to reduce the access gap
 - Interleaved memory
 - Cache memory
- Locality
 - Spatial locality
 - Temporal locality
- Policies governing cache organization
 - Read operation
 - Write operation
 - Replacement Policy
 - Address mapping
- Hit ratio/Miss ratio

Module Glossary

- Concurrency
 - Parallelism
 - Pipelining
 - Arithmetic pipelining
 - Instruction Pipelining
 - Processor Pipelining
 - Hazard
 - Structural Hazard
 - Data Hazard
 - Control Hazard
 - Multiprocessing