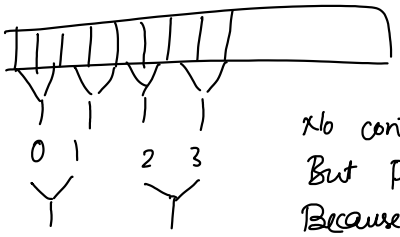
Oct 3rd

Monday, October 3, 2016 1:22 PM

Control Divergence

Bank Conflict



No control Divergence
But possible bank conflict
Because of loading

Reduction:

loop:
- Synchronization
- Reduction step
- Synchronization
- Broadcast

Bulk-Synchronous Parallelism (BSP): Compute → Sync. & Comm. → Compute → Sync. & Comm. → ···

Sequence