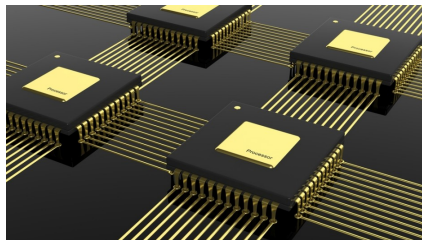


Scheduling of Parallel Applications

Kasper Dokter (FM)

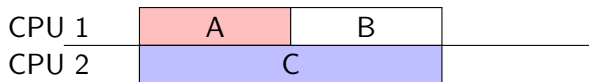
May 13, 2016

Goal



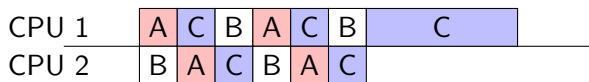
How to build **efficient** parallel applications?

Greedy schedules are bad



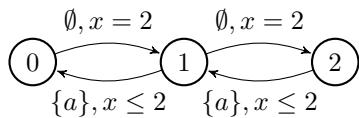
Optimal schedule

25% slower!

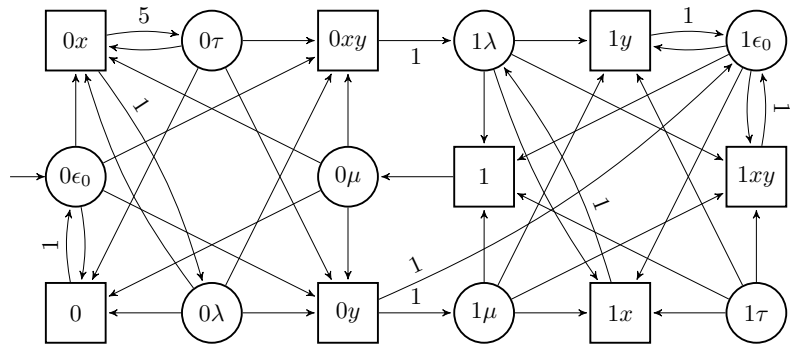


Greedy round-robin schedule

Work automata



Scheduling games



Thanks for listening. Questions?