Computer Architecture 计算机体系结构

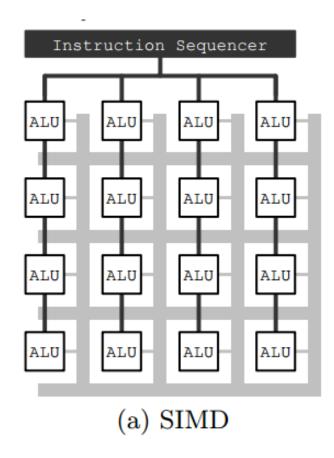
Lecture 15. Summary 第十五讲、学期总结

> Chao Li, PhD. 李超 博士

SJTU-SE346, Spring 2017

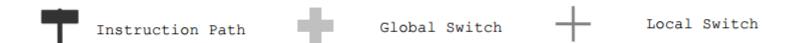
Different Dimensions of Parallelism

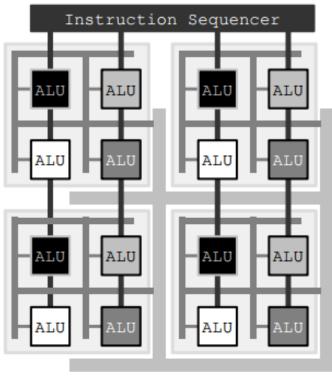






Different Dimensions of Parallelism



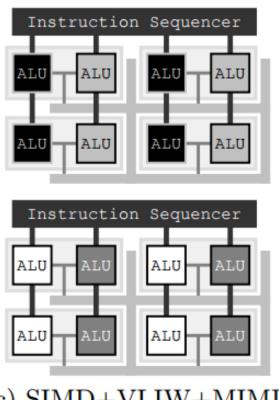


(b) SIMD+VLIW



Different Dimensions of Parallelism

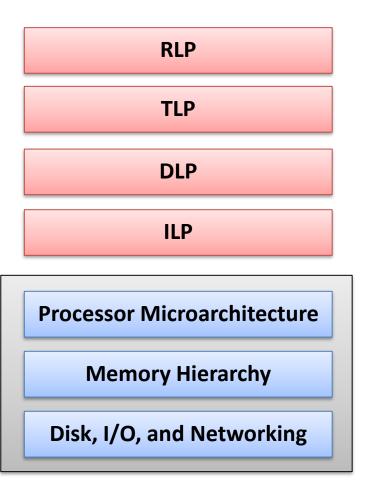








Review





Different Objectives

Adaptivity

Cost Effectiveness

Power/Energy Efficiency

Reliability and Availability

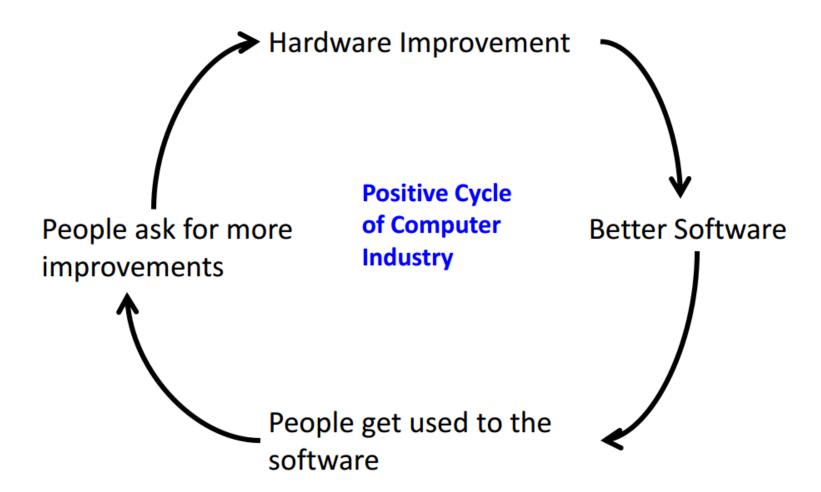
Throughput and Latency

Security and Privacy

Scalability



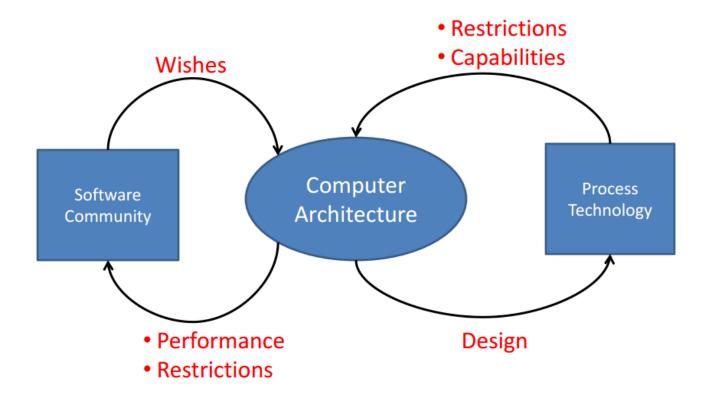
The Cycle of Computing Industry





Computer Architecture Research

How Did These Advances Happen?





Thanks for Your Support!

