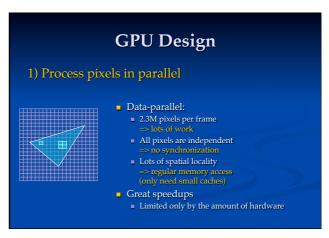
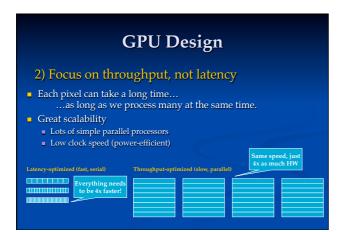
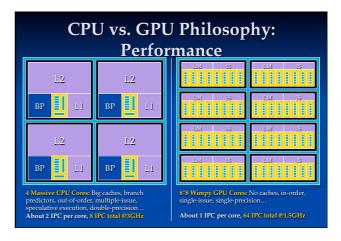


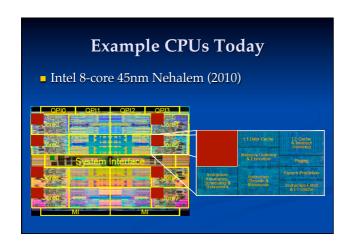
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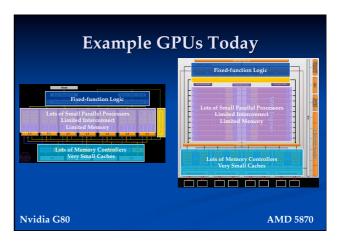


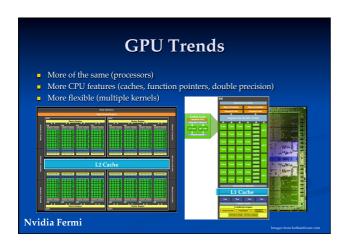




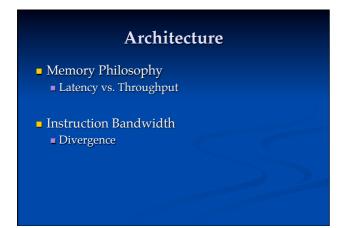




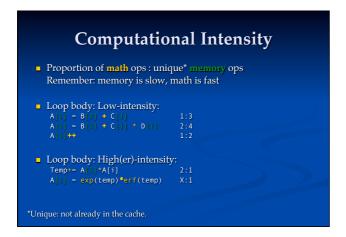


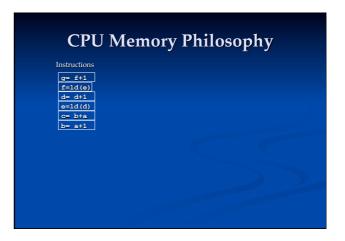


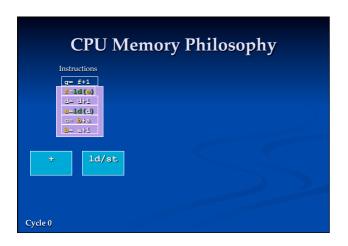


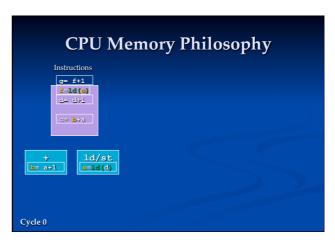


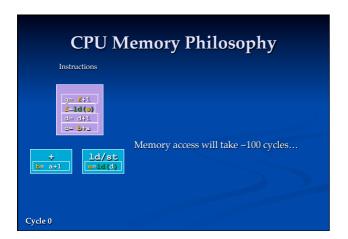
GPU Memory Philosophy

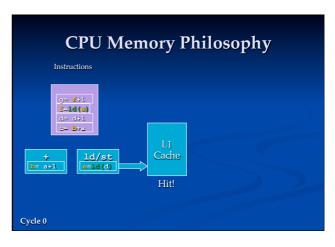


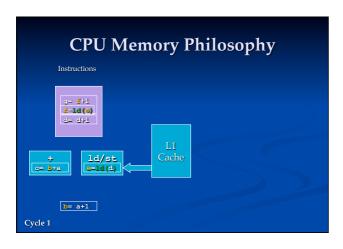


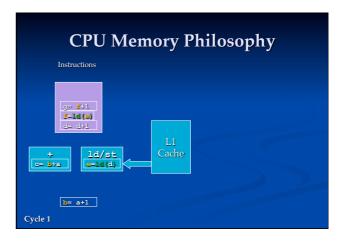


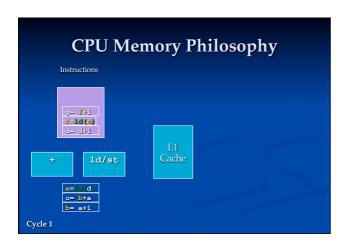


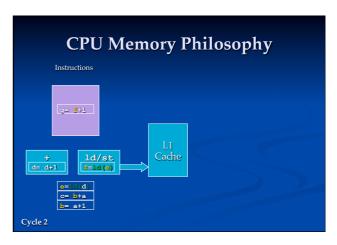


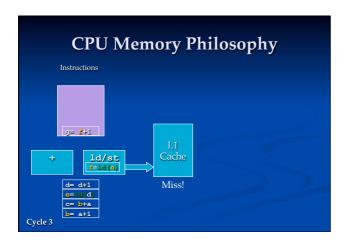


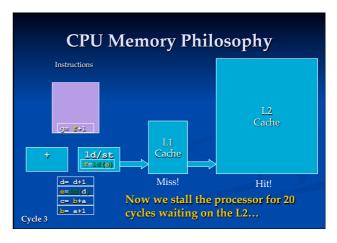


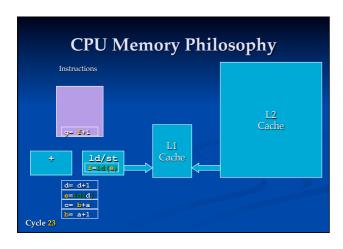


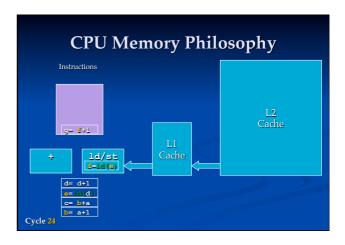


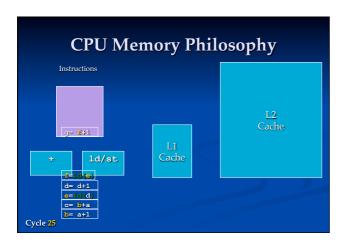


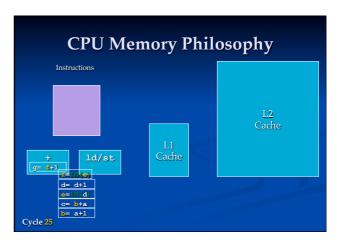


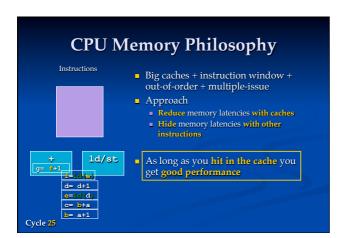


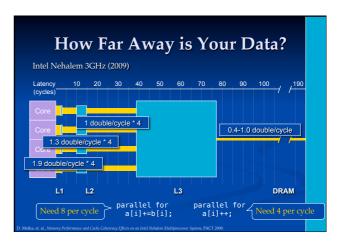


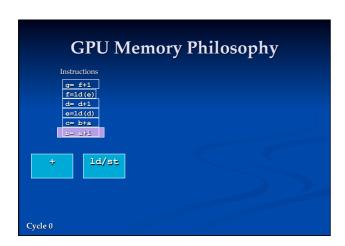


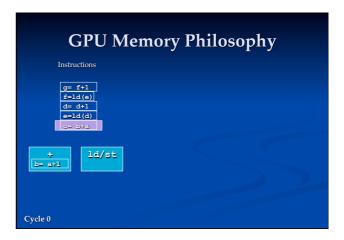




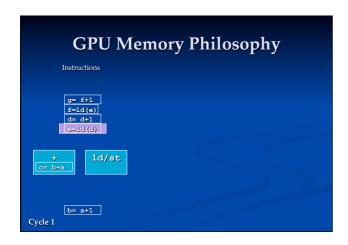


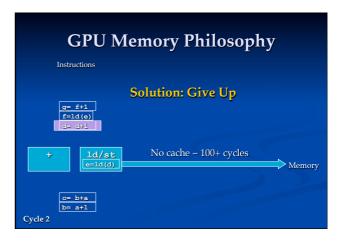


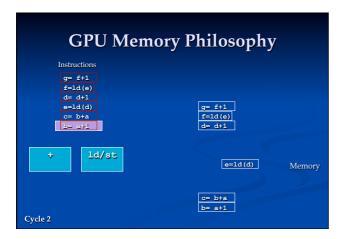


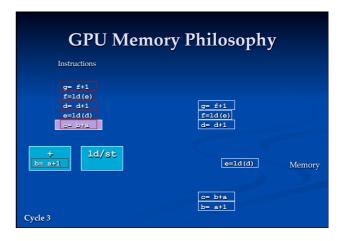


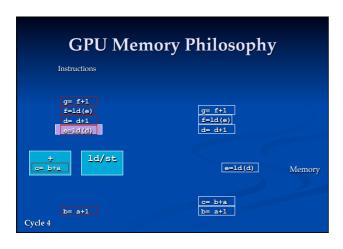
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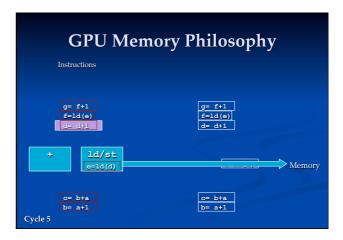


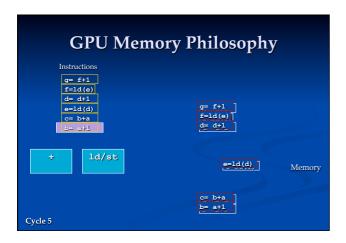


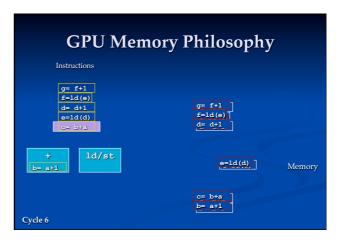


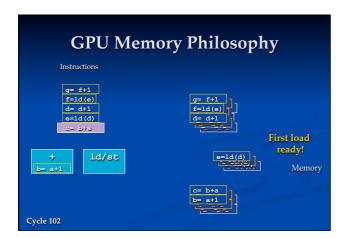


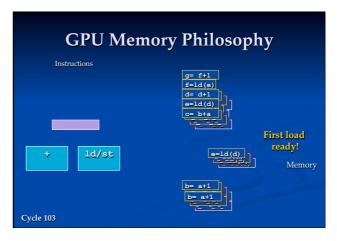


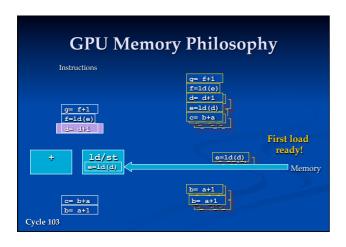


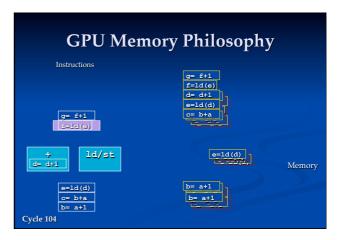


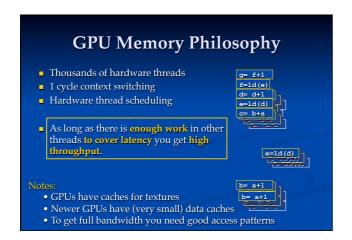


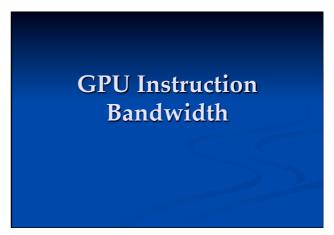


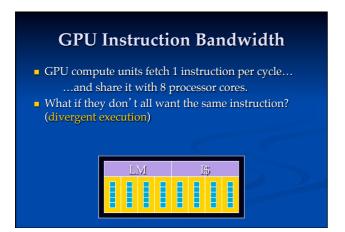


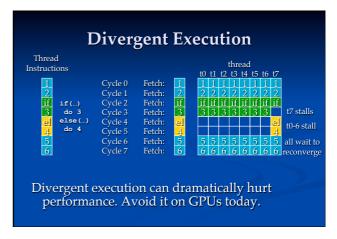


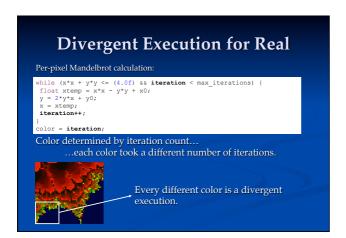


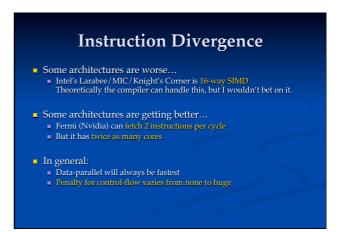


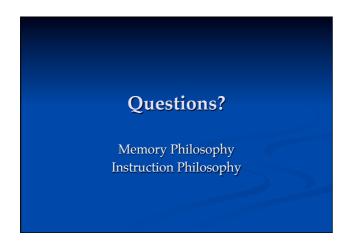




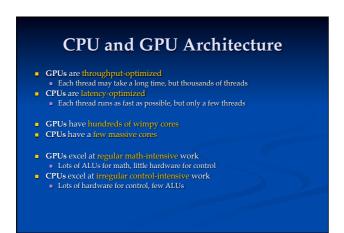


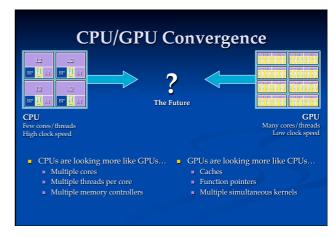


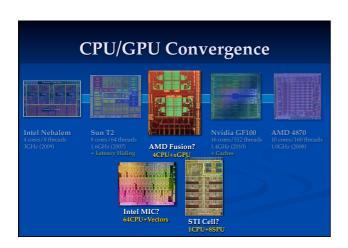












What Does CPU/GPU Convergence Mean For You? Why are CPUs are moving towards GPUs? CPUs can't keep scaling performance=latency (Power and complexity) Why are GPUs are moving towards CPUs? CPUs are easier to program=flexibility GPUs can afford the increased complexity Conclusions: I) If your algorithm runs well on a GPU today it will continue to run well in the future. If your algorithm does not run well on a GPU today, it may run better in the future, but it is unlikely to scale easily in the long run. The longer you wait, the easier GPUs will be to program.

