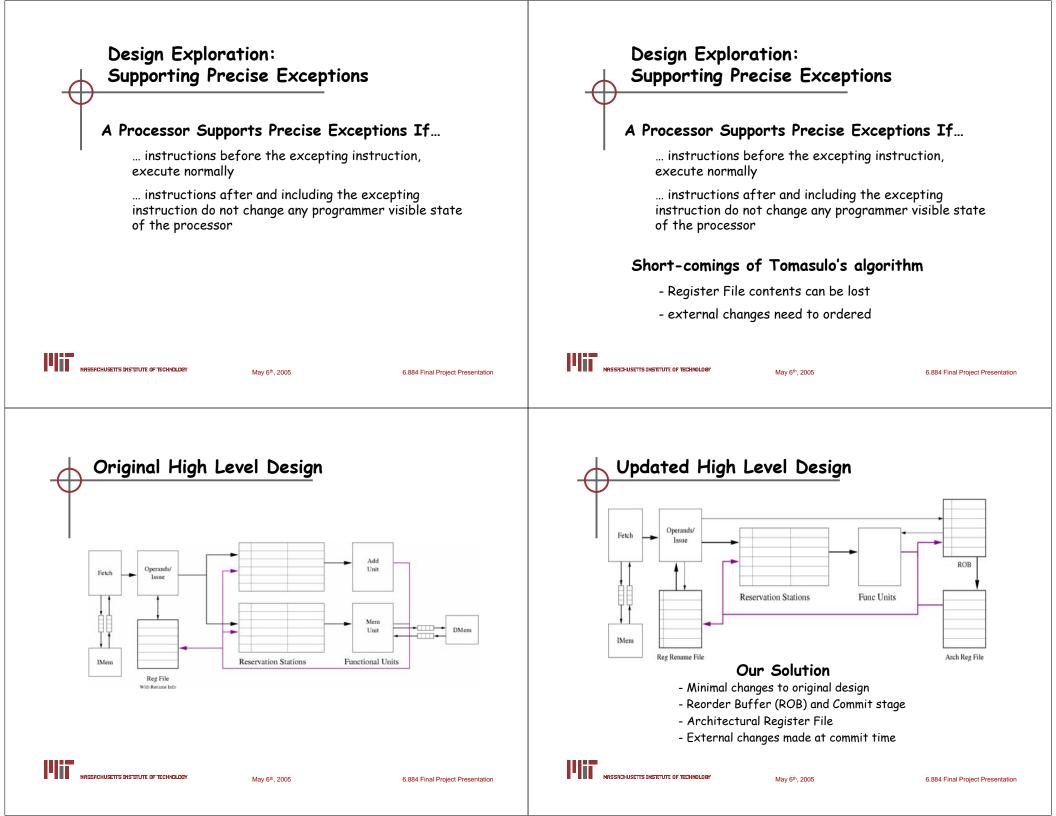
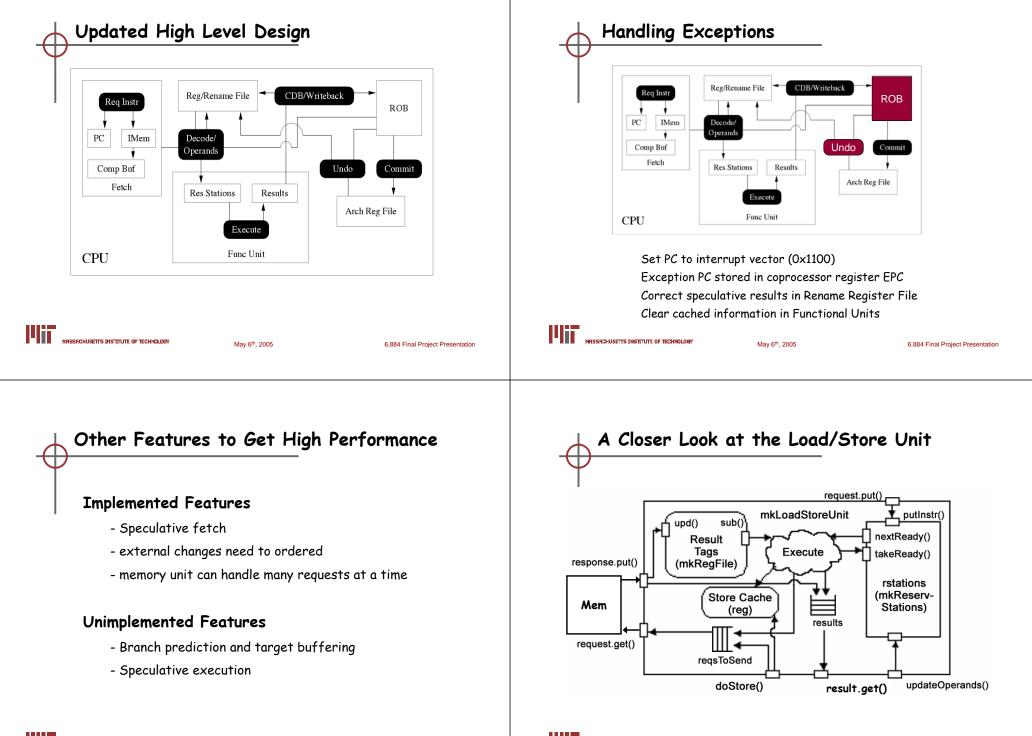
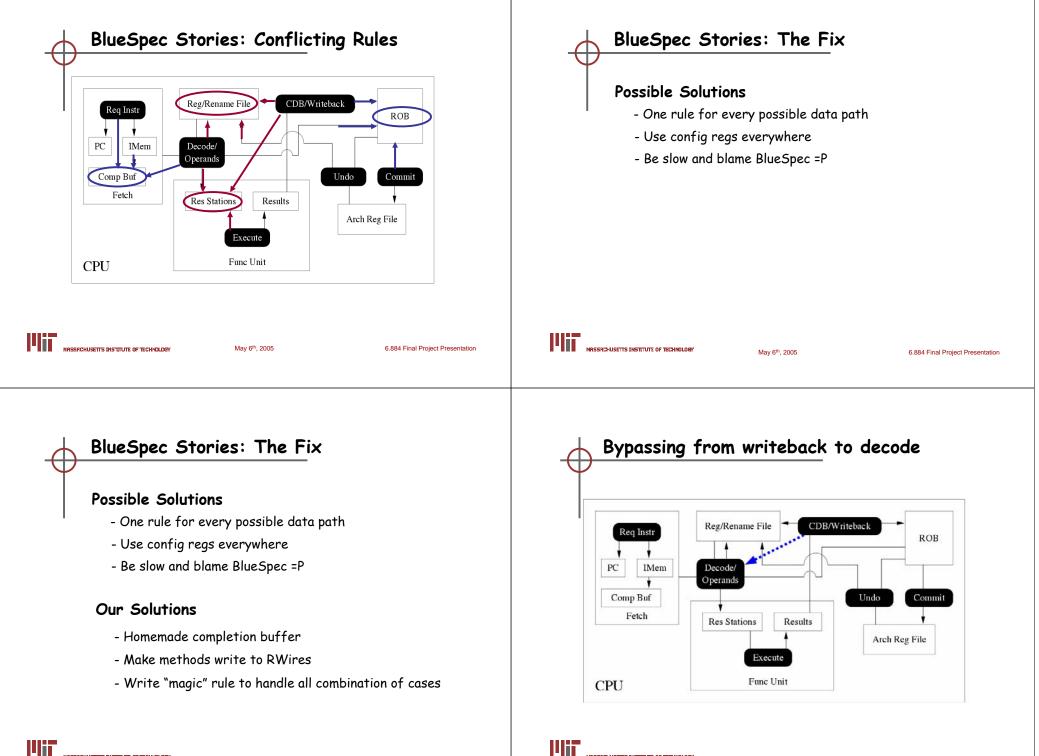


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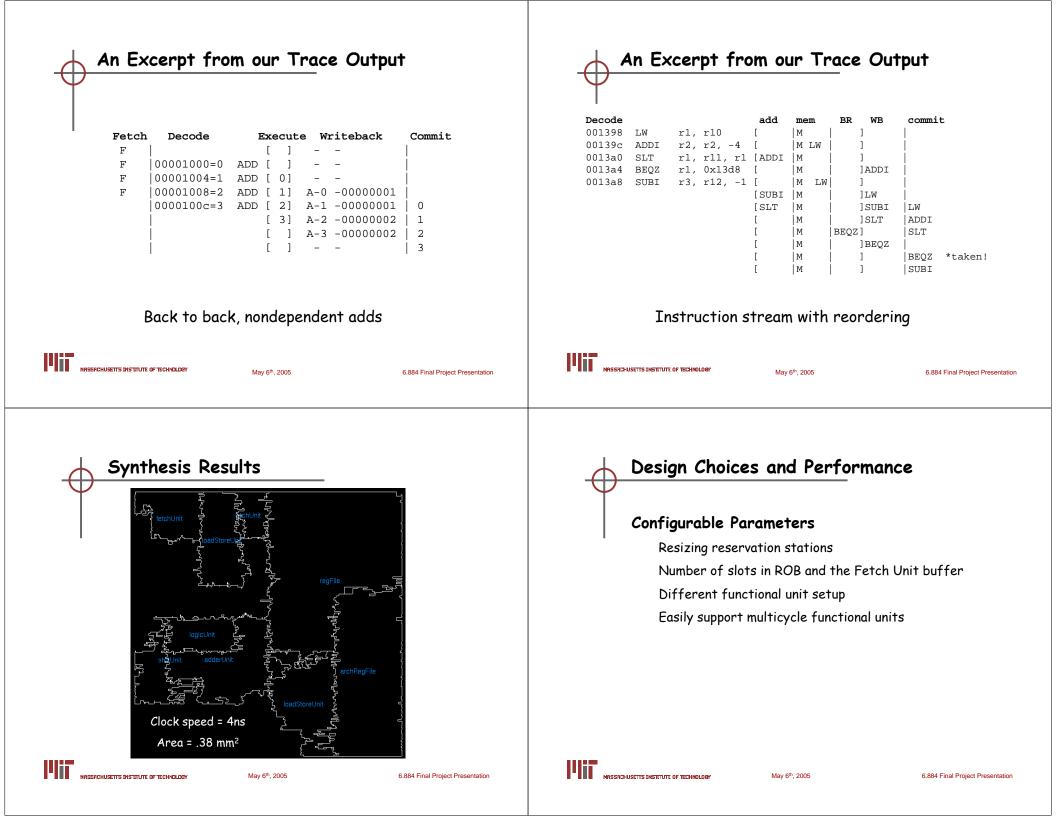


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Design Choices and Performance

Configurable Parameters

Resizing reservation stations Number of slots in ROB and the Fetch Unit buffer Different functional unit setup Easily support multicycle functional units

Performance

Branches and stores really hurt performance Achieved IPC $\approx .5$ on vector-add and quicksort



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