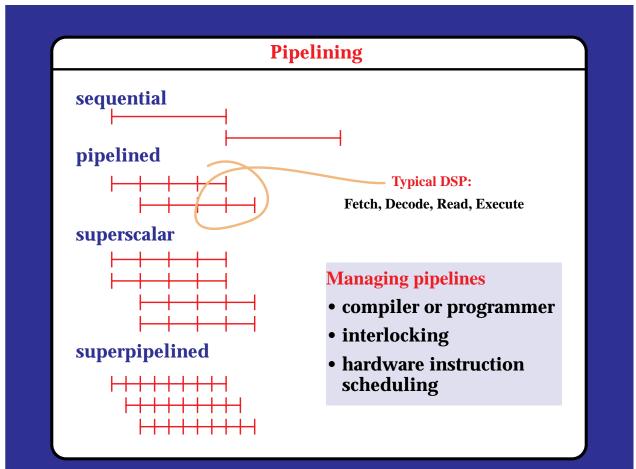
Embedded digital systems architecture — 2



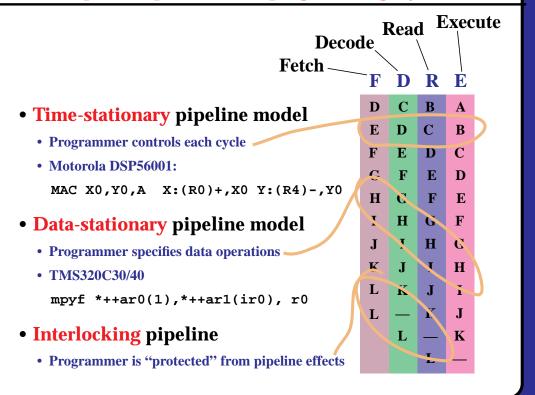
Edward A. Lee H. John Reekie

Department of EECS U. C. Berkeley

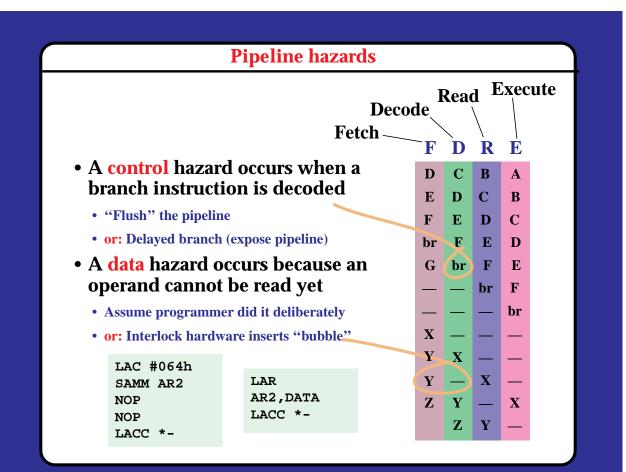
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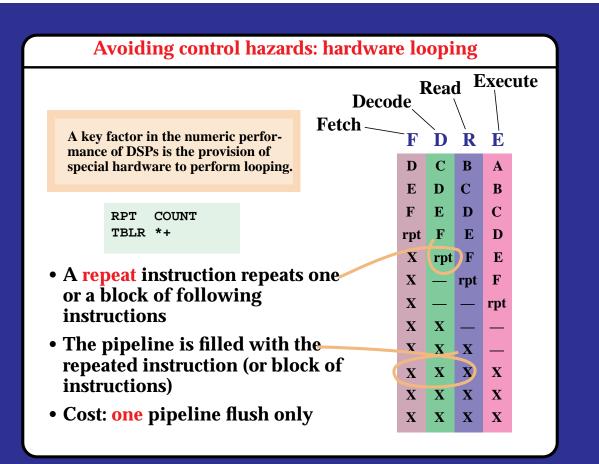




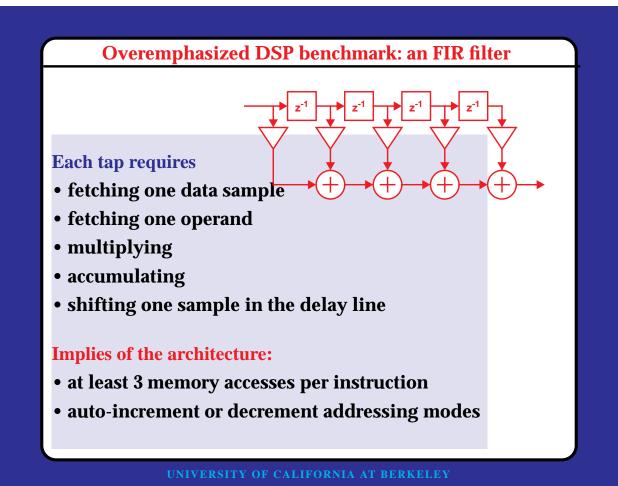
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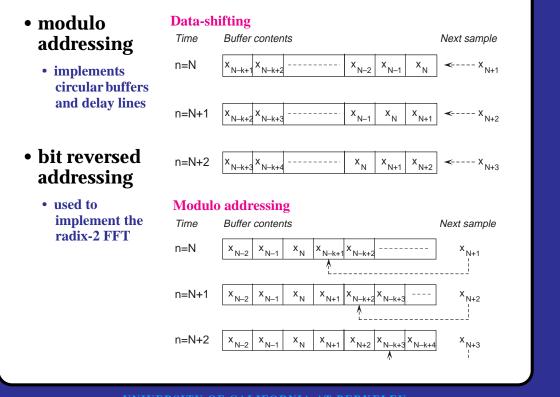
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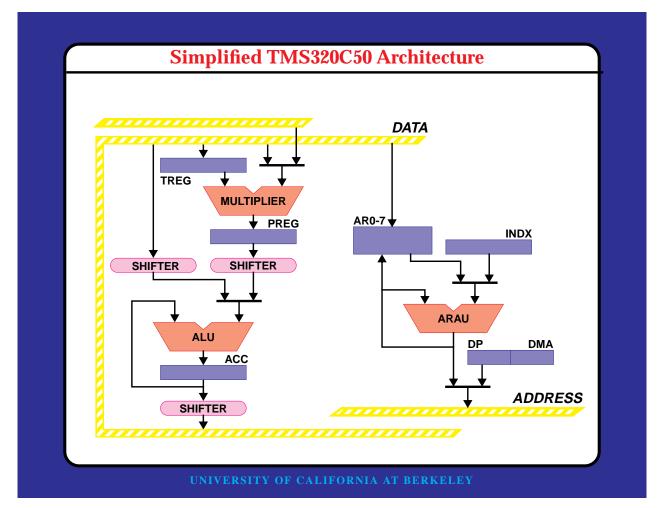
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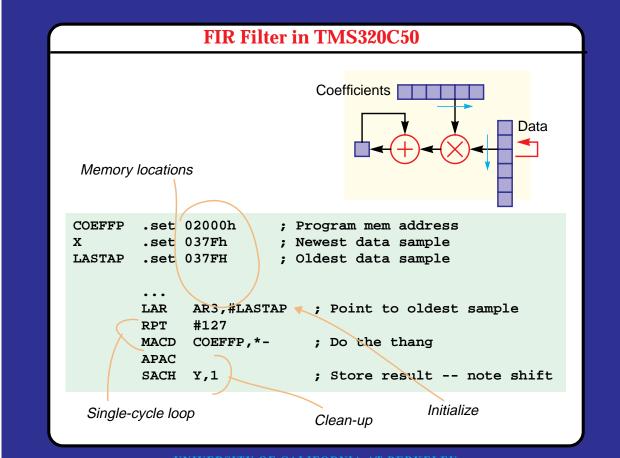


DSP-specific addressing features

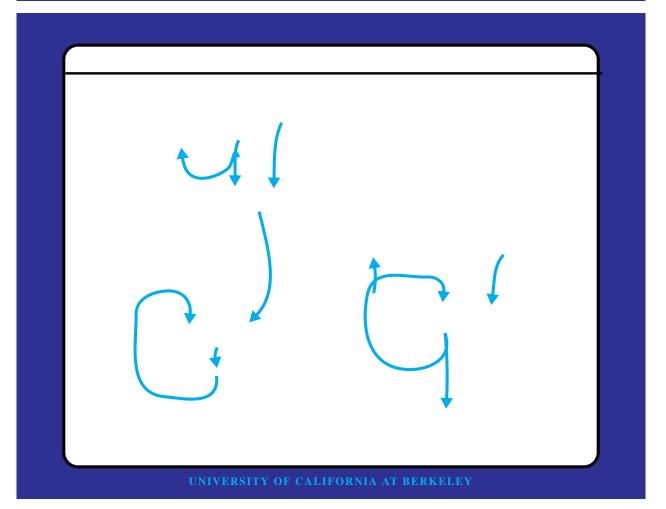




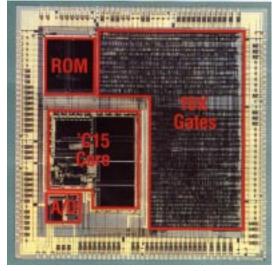




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DSP Cores



TMS320 cDSP (Customizable DSP) from Texas Instruments

Graphic courtesy of Texas Instruments, Inc.

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ASIC with:

- Programmable DSP
- RAM
- ROM
- Standard Cells
- Codec
- Peripherals
- Gate array
- Microcontroller