







Slide 4

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Floating Point in MIPS, Continued

- Some instruction names include c1. Short for "coprocessor 1". What's that? well, as textbook mentions, once upon a time chips for PC-class machines didn't have enough transistors to implement floating-point arithmetic, so if it was included in the hardware at all, it was as a separate chip ("coprocessor"). This may also explain why there are distinct floating-point registers. Now a thing of the past, but the name stuck.
- "If at all"? was it not possible on machines without floating-point hardware to do floating-point arithmetic? Well ... (Minute-essay question.)

Slide 5



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