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Modern processor design fundamentals of superscalar processors Author(S) John Paul Shen (Author) Mikko H Lipasti (Author) Publication Data  
Boston: McGraw-Hill Publication€ Date 2003 Edition NA Physical Description xiv, 488 p Subject Engineering Subject Headings Microprocessors  
Design and construction ISBN € 0-07-123007-6 Copies € 0-07

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Modern processors come with multiple CPU and GPU cores All cores behind the same memory interface, cost of moving data between them is low  
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Optimisation is hard Lots of jobs for compiler writers!

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Fundamentals of Digital Logic with Verilog Design Shen, Lipasti: Modern Processor Design July 10, 2002 14:23 vra23151\_fwd Sheet number 1 Page  
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EE382A Advanced Processor Architecture Christos Kozyrakis & John Shen EE282 - Autumn 2009 Lecture 1 - 2 Christos Kozyrakis "Modern Processor  
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Modern Processor Design: Fundamentals of Superscalar Processors, John Shen and Mikko Lipasti, McGraw-Hill, 2003 • The required text is available at the bookstore in Memorial Union, and both books are available through amazoncom

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to predict processor design time The proposed μProcessor Design Simulator (μDSim) has many similarities with indus-1Design effort is different from design time Design effort is the time required to implement a project if a single person does it Design time is the time to complete the project by a team

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