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David A. Patterson has been teaching computer architecture at the University of California, Berkeley, since joining the faculty in 1977, where he holds the Pardee Chair of Computer Science. His teaching has been honored by the Distinguished Teaching Award from the University of California, the Karlstrom Award from ACM, and the Mulligan ...

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David A. Patterson , Phil Garrison , Mark Hill , Dimitris Lioupis , Chris Nyberg , Tim Sippel , Korbin Van Dyke, Architecture of a VLSI instruction cache for a RISC, Proceedings of the 10th annual international symposium on Computer architecture, p.108-116, June 13-17, 1983, Stockholm, Sweden

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4 Chapter 1 Fundamentals of Computer Design cessor. Beginning in the end of the 1990s, as transistor counts soared, the over-head in transistors of interpreting the more complex x86 architecture became

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Hennessy and Patterson have a lot of great numbers and facts in the book, which help ground the theory of computer architecture in reality. There's an excellent mix of content-driven chapters and helpful appendices.

Computer Architecture: A Quantitative Approach by John L

Book Description: . The best-selling computer architecture book redefines the field with each new edition. About the Author: . ACM named John L. Hennessy a recipient of the 2017 ACM A.M. Turing Award for pioneering a systematic, quantitative approach to the design and evaluation of computer architectures with enduring impact on the microprocessor industry.

9780123704900: Computer Architecture: A Quantitative

THIRD EDITION Computer Organization and Design THE HARDWARE/SOFTWARE INTERFACE David A. Patterson University of California, Berkeley John L. Hennessy

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CS 385 - Computer Architecture

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John L. Hennessy is the president of Stanford University, where he has been a member of the faculty since 1977 in the departments of electrical engineering and computer science. Hennessy is a fellow of the IEEE and the ACM, a member of the National Academy of Engineering, the National Academy of Science, the American Academy of Arts and ...

Computer Architecture: A Quantitative Approach 5th Edition

Computer Architecture: A Quantitative Approach (The Morgan Kaufmann Series in Computer Architecture and Design) Published May 29th 2002 by Morgan Kaufmann Kindle Edition, 1,136 pages

Editions of Computer Architecture: A Quantitative Approach

Computer Organization and Design: The Hardware/software Interface, 2012, 703 pages, David A. Patterson, John L. Hennessy, 0123747503, 9780123747501,

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