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Thank you Prof. Hennessy and Patterson, as well as all other contributors for

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writing such an approachable book, not only for students, but also for practitioners. This edition brings the book up to date with the developments in computer architecture and various surrounding technologies, such as memory, disk, etc. The GPU chapter was fun to read.

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devices. ... Patterson, D. A., and J. L. Hennessy [2004]. Computer Organization and Design: The Hardware/Software Interface ...

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10. Fowers, J. et al. A configurable cloud-scale DNN processor for real-time AI. In

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Proceedings of the 45th ACM/IEEE Annual International Symposium on Computer Architecture (Los Angeles, CA, June 26). IEEE, 2018, 114. 11. Hennessy, J. and Patterson, D. A New Golden Age for Computer Architecture.

A New Golden Age for Computer Architecture | February 2019 ...

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6.823 Spring 2020 Reading List Optional readings are NOT required for the class, but interested students are always encouraged to check them out for in-depth understanding of the topics.

Readings refer to: H&P6: Computer Architecture: A Quantitative Approach, 6th edition, by Hennessy and Patterson
H&P5: Computer Architecture: A

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David Patterson is a Turing award winner and professor of computer science at Berkeley. He is known for pioneering contributions to RISC processor architecture used by 99% of new chips today and for co-creating RAID storage. The impact that these two lines of research and development have had on

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our world is immeasurable. He is also one of the great educators of computer science in the world ...

#104 - David Patterson: Computer Architecture and Data ...

Errata for Patterson and Hennessy's Computer Organization and Design, Third Edition. Disclaimer. These errata

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are unofficial: they are only the ones found by my students and me. (Send me the ones you find, and I'll add them to the list.) ... fixed Page B-22 second bullet item from the top of the page: ...

Errata for Patterson and Hennessy's Computer Organization ...

Computer Organization and Design 5th

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Edition Patterson Hennessy. Computer Organization and Design: The Hardware/software Interface, 2012, 703 pages, David A. Patterson, John L. Hennessy, 501. This computer organization and design textbook was interesting from chapter one to the very end, including the appendixes.

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