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Autore	Patterson David A.
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Sommario/riassunto	"Computer Organization and Design: The Hardware/Software Interface, Sixth Edition, the leading, award-winning textbook from Patterson and Hennessy used by more than 40,000 students per year, continues to present the most comprehensive and readable introduction to this core computer science topic. Improvements to this new release include new sections in each chapter on Domain Specific Architectures (DSA) and updates on all real-world examples that keep it fresh and relevant for a new generation of students. Covers parallelism in-depth, with examples and content highlighting parallel hardware and software topics Includes new sections in each chapter on Domain Specific Architectures (DSA) Discusses and highlights the "'Eight Great Ideas"' of computer architecture, including Performance via Parallelism, Performance via Pipelining, Performance via Prediction, Design for Moore's Law, Hierarchy of Memories, Abstraction to Simplify Design, Make the Common Case Fast and Dependability via Redundancy".