

1. Record Nr.	UNINA9910969199003321
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Titolo	Memory systems : cache, DRAM, disk / / Bruce Jacob, Spencer W. Ng, David T. Wang; with contributions by Samuel Rodriguez
Pubbl/distr/stampa	San Francisco, CA, : Morgan Kaufmann Oxford, : Elsevier Science [distributor], 2008
ISBN	1-322-46554-1 1-281-76645-3 9786611766450 0-08-055384-2
Edizione	[1st edition]
Descrizione fisica	1 online resource (1017 p.)
Altri autori (Persone)	NgSpencer W WangDavid
Disciplina	004.5 004.5 22
Soggetti	Computer storage devices Computer input-output equipment
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di contenuto	Front Cover; In Praise of Memory Systems: Cache, DRAM, Disk; Memory Systems Cache, DRAM, Disk; Copyright Page; Contents; Preface; Overview. On Memory Systems and Their Design; Ov.1 Memory Systems; Ov.2 Four Anecdotes on Modular Design; Ov.3 Cross-Cutting Issues; Ov.4 An Example Holistic Analysis; Ov.5 What to Expect; Part I. Cache; Chapter 1. An Overview of Cache Principles; 1.1 Caches, 'Caches,' and "Caches"; 1.2 Locality Principles; 1.3 What to Cache, Where to Put It, and How to Maintain It; 1.4 Insights and Optimizations; Chapter 2. Logical Organization 2.1 Logical Organization: A Taxonomy 2.2 Transparently Addressed Caches; 2.3 Non-Transparently Addressed Caches; 2.4 Virtual Addressing and Protection; 2.5 Distributed and Partitioned Caches; 2.6 Case Studies; Chapter 3. Management of Cache Contents; 3.1 Case Studies: On-Line Heuristics; 3.2 Case Studies: Off-Line Heuristics; 3.3 Case Studies: Combined Approaches; 3.4 Discussions; 3.5 Building a Content-Management; Chapter 4. Management of Cache Consistency;

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Sommario/riassunto

Bones and Cartilage provides the most in-depth review ever assembled on the topic. It examines the function, development and evolution of bone and cartilage as tissues, organs and skeletal systems. It describes how bone and cartilage is developed in embryos and are maintained in adults, how bone reappears when we break a leg, or even regenerates when a newt grows a new limb, or a lizard a tail. This book also looks at the molecules and cells that make bones and cartilages and how they differ in various parts of the body and across species. It answers such questions as "Is bone always
