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   Titolo   Knowledge architectures [[electronic resource]] : structures and
                        semantics / / Denise Bedford

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   Descrizione fisica   1 online resource (xxiii, 519 pages) : illustrations

   Disciplina   001.5024658

   Soggetti   Information storage and retrieval systems - Management

   Lingua di pubblicazione   Inglese

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   Sommario/riassunto   Knowledge Architectures reviews traditional approaches to managing
                        information and explains why they need to adapt to support 21st-
                        century information management and discovery. Exploring the rapidly
                        changing environment in which information is being managed and
                        accessed, the book considers how to use knowledge architectures, the
                        basic structures and designs that underlie all of the parts of an
                        effective information system, to best advantage. Drawing on 40 years
                        of work with a variety of organizations, Bedford explains that failure to
                        understand the structure behind any given system can be the difference
                        between an effective solution and a significant and costly failure.
                        Demonstrating that the information user environment has shifted
                        significantly in the past 20 years, the book explains that end users now
                        expect designs and behaviors that are much closer to the way they
                        think, work, and act. Acknowledging how important it is that those
                        responsible for developing an information or knowledge management
                        system understand knowledge structures, the book goes beyond a
                        traditional library science perspective and uses case studies to help
                        translate the abstract and theoretical to the practical and concrete.
                        Explaining the structures in a simple and intuitive way and providing
                        examples that clearly illustrate the challenges faced by a range of

different organizations, Knowledge Architectures is essential reading for those studying and working in library and information science, data science, systems development, database design, and search system architecture and engineering.