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Altri autori (Persone)	Johnson, Mark Brian
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Nota di contenuto	Introduction to magnetoelectronics / Mark Johnson -- Spin valves / B. Dieny -- Spin-polarized tunneling / Jagadeesh S. Moodera and Robert H. Meservey -- Magnetoresistive random access memories / James Daughton -- Magnetic tunnel junction based magnetoresistive random access memory / Johan Åkerman ... [et al.] -- Broader digital electronics applications of magnetoelectronics / Mark Johnson -- Magnetoresistive DNA chips / P.P. Freitas ... [et al.]
Sommario/riassunto	The arrival of the information age took most people by surprise including scientists and technologists. Today, research on better, smaller, and faster ways to store and transfer information continues to grow, and growing fast within this scope is the field of magnetoelectronics. With its possibilities as a magnetic storage technology capable of overcoming the vulnerabilities of CMOS (complementary metal on oxide semiconductor), magnetoelectronics promises to be an important installation in the information era