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	Autore	Palermo, Francesco <1969- >
	Titolo	Germania / Francesco Palermo, Jens Woelk
	Pubbl/distr/stampa	Bologna : Il mulino, 2005
	ISBN	8815097457
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	Altri autori (Persone)	Woelk, Jensauthor
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	Lingua di pubblicazione	Italiano
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2.	Record Nr.	UNINA9910828422903321
	Autore	Primrose S. B.
	Titolo	Biomimetics : nature-inspired design and innovation / / Sandy B Primrose
	Pubbl/distr/stampa	Hoboken, New Jersey : , : Wiley-Blackwell, , [2020] ©2020
	ISBN	1-119-68334-3 1-119-68331-9 1-119-68336-X
	Descrizione fisica	1 online resource (131 pages)
	Disciplina	570.15195
	Soggetti	Biomimetics
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	Note generali	Includes index.

Nota di contenuto

The beginnings of biomimicry -- Transport, motion and energy -- Colour and light -- The built environment -- Smart materials -- Smart devices -- The influence of biology on computer science -- The future of biomimetics.

Sommario/riassunto

"At its simplest, biomimetics is the design and production of materials, structures, and systems that are modelled on biological entities and processes. The concept of biomimetics stems from the realisation that microbes, plants and animals have been continuously evolving to cope with environmental and other challenges. They already have solved design challenges associated with vision, movement in diverse environments, temperature control, and detection of predators and/or prey in myriad ways over millions of years of evolution, providing rich opportunities for development of biomimetic and bioinspired materials. The diversity in form and function of living things is such that they have evolved solutions to most of the challenges that face humans today"--
