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ISBN	9783658331504 9783658331498
Descrizione fisica	1 online resource (49 pages)
Collana	Essentials
Soggetti	Biomimètica Biotecnologia Innovacions tecnològiques Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Intro -- What You Can Find in This essential -- Preface -- Contents -- 1 Introduction -- 1.1 The History of Biomimetics -- 1.2 Definitions -- 1.3 Fields of Application and Success Stories of Biomimetics -- 1.4 Challenges and Limitations of Biomimetics -- 2 Fundamentals of Biomimetics -- 2.1 Biology as a Model for Technology -- 2.2 Understanding Biomimetics -- 2.3 Product Development and Problem Solving -- 2.4 Innovation -- 3 Approach of Biomimetics -- 3.1 The Two Approaches of Biomimetics -- 3.2 General Process Description for Problem Solving -- 3.3 Tools and Methods -- 3.4 Different Roles in Biomimetics Projects -- 3.5 Examples of Good Practice -- 4 Sustainability and Future of Biomimetics -- 4.1 Sustainability Potential of Biomimetics -- 4.2 Social Challenges -- What You Learned from This essential -- Literature.
Sommario/riassunto	Basics of bionics .- Bionics approach step by step with good practice examples .- Sustainability and future of bionics.