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Nota di contenuto	Frontmatter -- Inhalt / Content -- Vorwort / Preface / Wang, Wilfried -- Einführung / Introduction / Finsterwalder, Rudolf -- 1 Chiesa in Olevano Romano / Chiesa in Olevano Romano / Finsterwalder, Rudolf -- 2 Formsachen / Matters of form / Dolezel, Dieter -- 3. Der umgekehrte Weg / The inverse route / Finsterwalder, Rudolf -- 4. Testlabor Natur / Nature - a test lab / Nachtigall, Werner -- 5. Form Follows Nature / Finsterwalder, Rudolf -- 6. Organische Architektur / Organic Architecture / Finsterwalder, Rudolf -- 7. Funken 1- 12 / Nicolai, Carsten -- 8. Die Muster der Natur / Nature's Patterns / Stewart, Ian -- 9. Schalentiere und Seeigel / Crustaceans and Sea Urchins / Otto, Frei -- 10. Seifenblasen / Forming Bubbles / Otto, Frei -- 11. Das japanische Wohnhaus und die Natur / The Japanese dwelling and nature / Speidel, Manfred -- 12. Wohnbauten der Naturvölker / Domestic architecture of the primitive people / Hartmann, Günther -- 13. Bauweise der lebenden Natur / Building methods of living Nature / Schaur, Eda -- 14. Tierbauten / Animal structures / Thywissen, Cornelius -- 15. Konstruktionen der nicht lebenden Natur / Constructions of non-living nature / Thywissen, Cornelius -- 16.

Wachsende und sich teilende Pneus / Growing and dividing Pneus / Otto, Frei -- 17. Sandwichstrukturen der Schädelkapsel verschiedener Vögel / Sandwich structures in the skull capsules of various birds / Bühler, Paul -- 18. Formenkunst der Natur / Formative art of nature / Prochnow, Oskar -- 19. Frank Lloyd Wright und seine organische Architektur / Frank Lloyd Wright and his organic architecture / Finsterwalder, Rudolf -- 20. Sternenschau und Schalenbau / Star Show and Gridshell Construction / Krausse, Joachim -- 21. Hermann Finsterlin / Hermann Finsterlin / Finsterwalder, Rudolf -- 22. Über Spiculae und Spicularskelette / On spicules and spicular Skeletons / Thompson, D'Arcy W. -- 23. Kunstformen der Natur / Art forms of nature / Haeckel, Ernst -- 24. Strena / Strena / Kepler, Johannes -- 25. Perspectiva corporum regularium / Jamnitzer, Wenzel -- Anhang / Annex -- Backmatter

Sommario/riassunto

Nature is in many different ways a pool for the productive human being, but also a counterpoint to his/her own work. This book offers a richly illustrated overview of the history of nature in architecture, civil engineering and art.

Since the beginning of time mankind has dealt with nature as a role model, goal and challenge in its model of perfection. Nature is in many different ways a pool for the productive human being, but also a counterpoint to his/her own work. Both the energetic and constructively optimised forms as well as the adaptability and variety serve as role models. Natural scientists, engineers, architects and artists draw from the rich inspirational pool of nature, they learn from and are inspired by nature. The book is an outline of the history of the human examination of nature and presents a perspective for further possible lessons from nature.
