

1. Record Nr.	UNINA9910960966803321
Titolo	Hierarchical structures in biology as a guide for new materials technology // Committee on Synthetic Hierarchical Structures, National Materials Advisory Board, Commission on Engineering and Technical Systems, National Research Council
Pubbl/distr/stampa	Washington, D.C., : National Academy Press, 1994
ISBN	9786610203468 9781280203466 1280203463 9780309562133 0309562139 9780585009704 0585009708
Edizione	[1st ed.]
Descrizione fisica	1 online resource (144 p.)
Collana	NMAB ; ; 464
Disciplina	620.1/1
Soggetti	Materials - Research Synthetic products Microstructure Morphology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"This study ... was conducted under Contract No. MDA 972-92-C-0028 with the U.S. Department of Defense and the National Aeronautics and Space Administration"--t.p. verso. "David A. Tirrell, chair"--p. iii.
Nota di bibliografia	Includes bibliographical references (p. 111-122).
Nota di contenuto	Executive summary -- Introduction -- Natural hierarchical materials -- Synthetic hierarchical systems -- Fabrication of hierarchical systems -- Conclusions and recommendations: scientific and technological opportunities -- References -- Appendix A: Glossary of term -- Appendix B: Biographical sketches of committee members.
Sommario/riassunto	Hierarchical structures are those assemblages of molecular units or their aggregates embedded within other particles or aggregates that may, in turn, be part of even larger units of increasing levels of

organization. This volume reviews the state of the art of synthetic techniques and processing procedures for assembling these structures. Typical natural-occurring systems used as models for synthetic efforts and insight on properties, unusual characteristics, and potential end-use applications are identified. Suggestions are made for research and development efforts to mimic such structures for broader applications.

2. Record Nr.	UNINA9910960250903321
Autore	Mees Roland
Titolo	Sustainable action and motivation : pathways for individuals, institutions and humanity // Roland Mees
Pubbl/distr/stampa	Abingdon, Oxon ; ; New York, NY : , : Routledge, , 2020
ISBN	0-429-57854-7 0-429-57643-9 0-429-19967-8
Edizione	[1st ed.]
Descrizione fisica	1 online resource (281 pages)
Collana	Routledge Environmental Ethics
Disciplina	155.9
Soggetti	Sustainable development - Psychological aspects Environmental psychology Moral motivation
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	The problem with motivation for sustainable action -- Methodological considerations -- The case study material -- Motivational challenges in the deliberative phase -- Motivational challenges in the commitment phase -- Motivational challenges in the executive phase -- Pathways for individual agents and institutions -- Moral corruption and the pathway for humanity.
Sommario/riassunto	"Sustainable Action and Motivation proposes individual competencies and institutional policies that can help overcome the motivational hurdles that hamper sustainable action. Following the Paris Agreement of 2015 and the UN Sustainable Development Goals, the political momentum to urgently begin the drastic reduction of greenhouse gas

emissions has increased significantly. Affluent, high-income OECD countries are expected to take the lead in the global transition to a low carbon society. Given this, we need a better understanding of the motivational problems which people in affluent countries face with acting sustainably. This book investigates the above questions by analysing three fundamentally different perspectives: the motivation of individuals to act sustainably, institutions who take responsibility for issuing policies that steer us towards taking sustainable action, and humanity, of which each individual member ought to understand her non-sustainable behaviour in relation to the continued existence of the collective of human beings. Using theories from the psychology of moral motivation and a phenomenological approach to the research, this book will be of great interest to students and scholars of practical philosophy, psychology of motivation and environmental psychology, as well as policy makers looking for ways to implement effective policies that encourage pro-environmental behaviour"--
