1. Record Nr. UNISA996466649403316

Autore	Hackney Philip
Titolo	Infinity Properads and Infinity Wheeled Properads [[electronic resource] /] / by Philip Hackney, Marcy Robertson, Donald Yau
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-20547-1
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (XV, 358 p. 213 illus.)
Collana	Lecture Notes in Mathematics, , 0075-8434 ; ; 2147
Disciplina	512.55
Soggetti	Algebraic topology Category theory (Mathematics) Homological algebra Algebraic Topology Category Theory, Homological Algebra
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction -- Graphs -- Properads -- Symmetric Monoidal Closed Structure on Properads -- Graphical Properads -- Properadic Graphical Category -- Properadic Graphical Sets and Infinity Properads -- Fundamental Properads of Infinity Properads -- Wheeled Properads and Graphical Wheeled Properads -- Infinity Wheeled Properads -- What's Next?.
Sommario/riassunto	The topic of this book sits at the interface of the theory of higher categories (in the guise of (,1)-categories) and the theory of properads. Properads are devices more general than operads, and enable one to encode bialgebraic, rather than just (co)algebraic, structures. The text extends both the Joyal-Lurie approach to higher categories and the Cisinski-Moerdijk-Weiss approach to higher operads, and provides a foundation for a broad study of the homotopy theory of properads. This work also serves as a complete guide to the generalised graphs which are pervasive in the study of operads and properads. A preliminary list of potential applications and extensions comprises the final chapter. Infinity Properads and Infinity Wheeled Properads is written for mathematicians in the fields of topology,

		algebra, category theory, and related areas. It is written roughly at the second year graduate level, and assumes a basic knowledge of category theory.

2. Record Nr. UNINA9910299370503321

Autore	Westergard Rune
Titolo	One planet is enough : tackling climate change and environmental threats through technology / / Rune Westergård
Pubbl/distr/stampa	Cham : , : Springer International Publishing, , 2018
ISBN	9783319609133 3-319-60913-0
Descrizione fisica	1 online resource (156 pages) : illustrations
Disciplina	338.927
Soggetti	Desenvolupament econòmic - Aspectes ambientals Canvis climàtics Política energètica Consum responsable Nature Ecology Economic development—Environmental aspects Climatic changes Energy policy Popular Science in Nature and Environment Development and Sustainability Climate Change/Climate Change Impacts Energy Policy, Economics and Management
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	A new picture of the world -- Chapter 1. The ecological shackle. -- Chapter 2. The children of technology. -- Chapter 3. Darwin and the machines -- Chapter 4. The long and winding road to a better life -- Chapter 5. The mechanisms of progress -- Chapter 6. Consumption – a

primordial force -- Chapter 7. Real and imagined threats -- Chapter 8. The welfare debt and the rebound effect -- Chapter 9. Technology requires freedom and responsibility -- Chapter 10. Resources are dwindling – yet growing -- Chapter 11. The climate issue can be solved -- Chapter 12. Scenarios for success -- Chapter 13. One planet is enough.

Sommario/riassunto

The present book offers a compelling sketch of how technological advances have shaped humankind’s evolution and how they can unlock ways to combat climate change and environmental threats. It also reveals new perspectives on climate change and sustainable development by harnessing technology. Given today’s conditions, only a homeless vegan could achieve a sustainable ecological footprint. In reality, it would be impossible, and even destructive, to attempt to save the planet by discontinuing consumption. It would disrupt evolution and threaten the driving forces of the technology that is our hope for combating climate change and environmental threats in the future. This is the opinion of Rune Westergård, engineer, entrepreneur, and environmental debater, with several decades of experience from the field of environmental and energy technology. He challenges many established truths on consumption and sustainability and demonstrates how and why they are flawed. From his point of view, both continued global growth and increased welfare are entirely possible within the ecological limitations of our planet. Once we learn to put technology to our best advantage, one planet will be enough.