1. Record Nr. UNINA9910462363803321

Autore	Pelham Abigail
Titolo	Contested creations in the Book of Job [[electronic resource]] : the-world-as-it-ought-and-ought-not-to-be / / by Abigail Pelham
Pubbl/distr/stampa	Leiden ; ; Boston, : Brill, 2012
ISBN	1-280-69859-4 9786613675552 90-04-23029-7
Descrizione fisica	1 online resource (271 p.)
Collana	Biblical interpretation series, , 0928-0731 ; ; v. 113
Disciplina	223/.106
Soggetti	Creation - Biblical teaching Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	Preliminary Material -- Prologue: The Author, the Reader, and the Professional Not-Knower -- 1. Creation in the Book of Job: Reading Backwards and Forwards for Questions and Possibilities -- 2. Relationships Between Persons in the World-as-It-Ought-and-Ought-Not-to-Be: Centrality and Dispersion, Connectedness and Loneliness -- 3. Time in the World-as-It-Ought-and-Ought-Not-to-Be: Stasis, Change, and Death -- 4. Inside and Outside: The Configuration of Space in the World-as-It-Ought-and-Ought-Not-to-Be -- 5. The Explosive Finale: Reading Backwards from the Epilogue -- Epilogue: Negotiating and Renegotiating the World -- Bibliography -- Index of Names -- Index of Subjects -- Index of Scriptures.
Sommario/riassunto	In Contested Creations in the Book of Job: the-world-as-it-ought- and -ought-not-to-be Abigail Pelham reads the Book of Job both ‘forwards’ —examining the perspectives on creation presented by Job and his friends and corrected by God’s authoritative voice from the whirlwind— and ‘backwards,’ demonstrating how the epilogue explodes readers’ certainties, forcing a reappraisal of the characters’ claims. The epilogue, Pelham argues, changes the book from one containing answers about creation to one which poses questions: What does it mean to make the world? Who has the power to create? If humans have

		creative power, is it divinely sanctioned, or has Job, acting creatively, set himself up as God’s rival? Engaging more thoroughly with Job’s ambiguity than previous scholars have done, Contested Creations explores the possibilities raised by these questions and considers their implications both within the book and beyond.

2.	Record Nr.	UNINA9910465454803321
	Autore	Saakian Artem S.
	Titolo	Radio wave propagation fundamentals / / Artem Saakian
	Pubbl/distr/stampa	Norwood, Massachusetts : , : Artech House, , ©2011 [Piscataqay, New Jersey] : , : IEEE Xplore, , [2011]
	ISBN	1-60807-138-3
	Descrizione fisica	1 online resource (376 p.)
	Collana	Artech House radar library
	Disciplina	621.384/11
	Soggetti	Radio wave propagation Electronic books.
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Description based upon print version of record.
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Radio Wave Propagation Fundamentals; Contents; Preface; Chapter 1 Introduction; 1.1 Historical Overview; 1.2 Classification of Radio Waves by Frequency Bands; 1.3 The Earth's Atmosphere and Its Structure; 1.4 Classification of Radio Waves by Its Propagation Mechanisms; 1.5 Interferences in RF Transmission Links; Problems; References; Chapter 2 Basics of Electromagnetic Waves Theory; 2.1 Electromagnetic Process; 2.1.1 Maxwell's Equations of Electrodynamics; 2.1.2 Boundary Conditions of Electrodynamics; 2.1.3 Time-Harmonic Electromagnetic Process-Classification of Medi aby Conductivity. 2.2 Free Propagation of Uniform Plane Radio Waves2.2.1 Uniform Plane Wave in Lossless Medium; 2.2.2 Uniform Plane Wave in Lossy Medium; 2.3 Polarization of the Radio Waves; 2.4 Reflection and Refraction of Plane Radio Wave from the Boundary of Two Media; 2.4.1 Normal Incidence on a Plane Boundary; 2.4.2 Oblique Incidence of Vertically Polarized Radio Wave; 2.4.3 Oblique Incidence of Horizontally Polarized Radio Wave; 2.4.4 Reflection of the Radio Wave with Arbitrary

Polarization; 2.4.5 Power Reflection and Transmission.

2.4.6 Reflection of the Radio Wave from the Boundary of Nonideal Dielectric Medium2.5 Radiation from Infinitesimal Electric Current Source:Spherical Waves; 2.6 Spatial Area Significant for Radio Waves Propagation; 2.6.1 Principle of Huygens-Kirchhoff; 2.6.2 Fresnel Zones; 2.6.3 Knife-Edge Diffraction; 2.6.4 Practical Applications of the Fresnel Zones Concept; Problems; References; Appendix 2A Useful Mathematical Relations; 2A.1 Trigonometric Equalities; 2A.2 Vector Analysis; Appendix 2B Polarization of Radio Waves; 2B.1 General Approach.

Appendix 2C Basic Relations in Infinitesimal Electric Current Source Radiation Analysis2C.1 Helmholtz Equation for Vector Potential; 2C.2 Radiation from the Electric Current Point Source; Appendix 2D Fresnel's Integrals; Chapter 3 Basics of Antennas for RF Radio Links; 3.1 Basic Parameters of Antennas; 3.1.1 Radiation Pattern and Directivity; 3.1.2 Radiation Resistance and Loss Resistance; 3.1.3 Antenna Effective Length and Effective Area of the Aperture; 3.2 General Relations in Radio Wave Propagation Theory; Problems; References.

Chapter 4 Impact of the Earth Surface on Propagation of Ground Waves4.1 Propagation Between Antennas Elevated Above the Earth's Surface: Ray-Trace Approach; 4.1.1 Flat Earth Approximation Case Study; 4.1.2 Propagation over the Spherical Earth Surface; 4.1.3 Specifics of Propagation over a Rough and Hilly Terrain; 4.1.4 Optimal Path Clearance and Choice of the Antenna Elevations; 4.1.5 Propagation Prediction Models in Urban, Suburban, and Rural Areas; 4.2 Propagation Between Ground-Based Antennas over the Flat Earth; 4.2.1 Antennas over the Infinite, Perfect Ground Plane.

Sommario/riassunto

Written for professional engineers and students who specialize in antenna, communication and radar systems, this authoritative book provides a thorough introduction to the basic principles of electromagnetic wave propagation of radio frequencies in real-world conditions. It serves as an invaluable daily reference for practitioners in the field and also as a complete, organized text on the subject. This comprehensive resource covers a wide range of essential topics, from the classification of radio waves, electromagnetic wave theory, and antennas for RF radio links ... to the impact of the earth.

3. Record Nr. UNINA9910438140403321

Autore	Penot Jean-Paul
Titolo	Calculus Without Derivatives / / by Jean-Paul Penot
Pubbl/distr/stampa	New York, NY : , : Springer New York : , : Imprint : Springer, , 2013
ISBN	1-4614-4538-8
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (540 p.)
Collana	Graduate Texts in Mathematics, , 0072-5285 ; ; 266
Disciplina	515
Soggetti	Mathematical analysis Analysis (Mathematics) Functions of real variables Mathematical optimization System theory Functional analysis Applied mathematics Engineering mathematics Analysis Real Functions Optimization Systems Theory, Control Functional Analysis Applications of Mathematics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (pages [479]-517) and index.
Nota di contenuto	Preface -- 1 Metric and Topological Tools -- 2 Elements of Differential Calculus -- 3 Elements of Convex Analysis -- 4 Elementary and Viscosity Subdifferentials -- 5 Circa-Subdifferentials, Clarke Subdifferentials -- 6 Limiting Subdifferentials -- 7 Graded Subdifferentials, Ioffe Subdifferentials -- References -- Index .
Sommario/riassunto	Calculus Without Derivatives expounds the foundations and recent advances in nonsmooth analysis, a powerful compound of mathematical tools that obviates the usual smoothness assumptions. This textbook also provides significant tools and methods towards

applications, in particular optimization problems. Whereas most books on this subject focus on a particular theory, this text takes a general approach including all main theories. In order to be self-contained, the book includes three chapters of preliminary material, each of which can be used as an independent course if needed. The first chapter deals with metric properties, variational principles, decrease principles, methods of error bounds, calmness and metric regularity. The second one presents the classical tools of differential calculus and includes a section about the calculus of variations. The third contains a clear exposition of convex analysis.