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Titolo	Cooperation for a peaceful and sustainable world [[electronic resource] /] / edited by Chen Bo, Manas Chatterji, Hao Chaoyan
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Collana	Contributions to conflict management, peace economics and development, , 1572-8323 ; ; v. 20, pt. 1
Altri autori (Persone)	BoChen ChatterjiManas <1937-> NaHou ChaoyanHao
Disciplina	327.17
Soggetti	Political Science - General Political Science - Political Freedom & Security - International Security Political Science - Peace Political science & theory Political economy Peace - Economic aspects Peace-building - Economic aspects Econometric models
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	The global peace index and the structure of peace / Clyde McConaghy -- The European expansion toward Middle East conflicts and economic convergence (2000-2010) / Fernando Barreiro-Pereira -- A foundational mathematical account of a specific complex social reality : conflict In a midsummer night's dream / Gordon Burt -- Language as a tool of reconciliation and ethnic harmony : a case study of Sri Lanka / Padma D. Jayaweera -- The alchemy of global emissions trading scheme (GETS) : speculation and regulation / Partha Gangopadhyay -- Decentralization and military coups / Ruixue Jia, Pinghan Liang -- Conflict of civil-military approach in Pakistan : its regional implications

/ Riaz Ahmed Shaikh -- Knowledge creation and innovation in medium technology clusters / Riccardo Cappellin -- The terrain of war : how using the word 'mountain' biases conflict research / Steve Pickering -- Peace-building and geopolitical fantasies / Vladimir Rukavishnikov -- Satyagraha : Gandhi's approach to conflict resolution / Jai Narain Sharma -- International economic and financial crisis : relevance of a Gandhian approach / S.K.G. Sundaram -- Perspectives on democracy and civil society in India / Rajaram Tolpadi.

Sommario/riassunto

Over the last three decades, a considerable amount of work has been conducted in the field of peace studies, conflict management, peace science in economics, sociology, anthropology and management. This volume presents up-to-date, cutting-edge research by respected scholars with an emphasis on theoretical and mathematical constructs in the area of peace economics and peace science.

2. **Record Nr.**

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Titolo

DPSM for modeling engineering problems [[electronic resource] /] / edited by Dominique Placko and Tribikram Kundu

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Descrizione fisica

1 online resource (394 p.)

Altri autori (Persone)

PlackoDominique
KunduT (Tribikram)

Disciplina

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Soggetti

Distributed point source method (Numerical analysis)
Engineering mathematics
Ultrasonic waves - Mathematical models
Electromagnetic devices - Design and construction - Mathematics
Electrostatics - Mathematics
Electromagnetism - Mathematical models
Magnetism - Mathematical models

Lingua di pubblicazione

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Formato

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Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	<p>DPSM FOR MODELING ENGINEERING PROBLEMS; CONTENTS; Preface; Contributors; Chapter 1 - Basic Theory of Distributed Point Source Method (DPSM) and Its Application to Some Simple Problems; 1.1 Introduction and Historical Development of DPSM; 1.2 Basic Principles of DPSM Modeling; 1.2.1 The fundamental idea; 1.2.1.1 Basic equations; 1.2.1.2 Boundary conditions; 1.2.2 Example in the case of a magnetic open core sensor; 1.2.2.1 Governing equations and solution; 1.2.2.2 Solution of coupling equations; 1.2.2.3 Results and discussion; 1.3 Examples From Ultrasonic Transducer Modeling</p> <p>1.3.1 Justification of modeling a finite plane source by a distribution of point sources</p> <p>1.3.2 Planar piston transducer in a fluid; 1.3.2.1 Conventional surface integral technique; 1.3.2.2 Alternative DPSM for computing the ultrasonic field; 1.3.2.3 Restrictions on $r(s)$ for point source distribution; 1.3.3 Focused transducer in a homogeneous fluid; 1.3.4 Ultrasonic field in a nonhomogeneous fluid in the presence of an interface; 1.3.4.1 Pressure field computation in fluid 1 at point P; 1.3.4.2 Pressure field computation in fluid 2 at point Q</p> <p>1.3.5 DPSM technique for ultrasonic field modeling in nonhomogeneous fluid</p> <p>1.3.5.1 Field computation in fluid 1; 1.3.5.2 Field in fluid 2; 1.3.6 Ultrasonic field in the presence of a scatterer; 1.3.7 Numerical results; 1.3.7.1 Ultrasonic field in a homogeneous fluid; 1.3.7.2 Ultrasonic field in a nonhomogeneous fluid - DPSM technique; 1.3.7.3 Ultrasonic field in a nonhomogeneous fluid - surface integral method; 1.3.7.4 Ultrasonic field in the presence of a finite-size scatterer; References; Chapter 2-Advanced Theory of DPSM-Modeling Multilayered Medium and Inclusions of Arbitrary Shape</p> <p>2.1 Introduction</p> <p>2.2 Theory of Multilayered Medium Modeling; 2.2.1 Transducer faces not coinciding with any interface; 2.2.1.1 Source strength determination from boundary and interface conditions; 2.2.2 Transducer faces coinciding with the interface - case 1: transducer faces modeled separately; 2.2.2.1 Source strength determination from interface and boundary conditions; 2.2.2.2 Counting number of equations and number of unknowns; 2.2.3 Transducer faces coinciding with the interface - case 2: transducer faces are part of the interface</p> <p>2.2.3.1 Source strength determination from interface and boundary conditions</p> <p>2.2.4 Special case involving one interface and one transducer only; 2.3 Theory for Multilayered Medium Considering the Interaction Effect on the Transducer Surface; 2.3.1 Source strength determination from interface conditions; 2.3.2 Counting number of equations and number of unknowns; 2.4 Interference between Two Transducers: Step-by-Step Analysis of Multiple Reflection; 2.5 Scattering by an Inclusion of Arbitrary Shape; 2.6 Scattering by an Inclusion of Arbitrary Shape - An Alternative Approach</p> <p>2.7 Electric Field in a Multilayered Medium</p>
Sommario/riassunto	<p>This book is the first book on this technique; it describes the theory of DPSM in detail and covers its applications in ultrasonic, magnetic, electrostatic and electromagnetic problems in engineering. For the convenience of the users, the detailed theory of DPSM and its applications in different engineering fields are published here in one book making it easy to acquire a unified knowledge on DPSM.</p>