

1. Record Nr.	UNINA9910151933403321
Titolo	6th International Congress on Industrial and Applied Mathematics Zürich, Switzerland, 16-20 July 2007 : Invited Lectures // Rolf Jeltsch, Gerhard Wanner
Pubbl/distr/stampa	Zuerich, Switzerland, : European Mathematical Society Publishing House, 2009
ISBN	3-03719-556-8
Descrizione fisica	1 online resource (530 pages)
Classificazione	65-xx35-xx68-xx92-xx
Soggetti	Numerical analysis Differential equations Mathematics for scientists & engineers Theoretical methods Partial differential equations Computer science Biology and other natural sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	A level set method for the numerical simulation of damage evolution / Gregoire Allaire, Francois Jouve, Nicolas Van Goethem -- Dissipation inequalities in systems theory: An introduction and recent results / Christian Ebenbauer, Tobias Raff, Frank Allgower -- Some nonlinear problems involving non-local diffusions / Luis A. Caffarelli -- High- order methods for PDEs: Recent advances and new perspectives / Claudio Canuto -- Radar imaging / Margaret Cheney -- Adaptive approximations by greedy algorithms / Albert Cohen -- Multiscale analysis of density functional theory / Weinan E -- Frictional contact in solid mechanics / Michel Fortin, Carl Robitaille, Andre Fortin, Ali Rezgui -- Numerical methods for fully nonlinear elliptic equations / Roland Glowinski -- Asymptotic solutions of Hamilton-Jacobi equations for large time and related topics / Kenji Nishihara -- Hyperbolic conservation laws. Past and future / Barbara Lee Keyfitz -- Second- order PDE's and deterministic games / Robert V. Kohn, Sylvia Serfaty --

Controllability and observability: From ODEs to quasilinear hyperbolic systems / Tatsien Li -- Order-value optimization and new applications / Jose Mario Martinez -- Conformation dynamics / Christof Schutte, Frank Noe, Eike Meerbach, Philipp Metzner, Carsten Hartmann -- MCMC methods for sampling function space / Alexandros Beskos, Andrew M. Stuart -- Chaotic itinerancy reality in the dynamic brain - episodic memory formation / Ichiro Tsuda -- Visibility and invisibility / Gunther Uhlmann -- Optimal algorithms for discretized partial differential equations / Jinchao Xu -- Leonhard Euler: His life, the man, and his works / Walter Gautschi.

Sommario/riassunto

The International Council for Industrial and Applied Mathematics (ICIAM) is the worldwide organisation of societies which are dedicated primarily or significantly to applied and/or industrial mathematics. The ICIAM Congresses, held every 4 years, are run under the auspices of the Council with the aim to advance the applications of mathematics in all parts of the world. The 6th ICIAM Congress was held in Zurich, Switzerland, 16-20 July 2007, and was attended by more than 3000 scientists from 47 countries. This volume collects the invited lectures of this Congress, the appreciations of the ICIAM Prize winners' achievements and the Euler Lecture celebrating the 300th anniversary of Euler. The authors of these papers are leading researchers of their fields, rigorously selected by a distinguished international program committee. The book presents an overview of contemporary applications of mathematics, new perspectives and open problems. Topics embrace analysis of and numerical methods for: linear and nonlinear partial differential equations multiscale modeling nonlinear problems involving integral operators controllability and observability asymptotic solutions of Hamilton-Jacobi equations contact problems in solid mechanics topology optimization of structures dissipation inequalities in systems theory greedy algorithms sampling in function space order-value optimization parabolic partial differential equations and deterministic games Moreover, particular applications involve risk in financial markets, radar imaging, brain dynamics, complex geometric optics applied to acoustics and electromagnetics.

2. Record Nr.	UNINA9911021973903321
Autore	Needham Jon
Titolo	Addressing Sexting in Educational Spaces : Why Teenage Boys Sext // by Jon Needham
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Palgrave Macmillan, , 2025
ISBN	9783031963988 9783031963971
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (191 pages)
Collana	Studies in Childhood and Youth, , 2731-6475
Disciplina	375
Soggetti	Education - Curricula Educational psychology Sex (Psychology) Communication Education and state Curriculum Studies Educational Psychology Psychology of Gender and Sexuality Media and Communication Education Policy Adolescència Relacions humanes Psicologia social Salut mental Orientació educativa Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1. Introduction -- 2. Theory and Practice -- 3. Adolescent Development and Sexting -- 4. Research Methodology -- 5. Demographic and Cultural Determinants -- 6. Determinant Cognitive and Intimate Characteristics -- 7. Flirting and Social Status -- 8. General Discussion, Conclusions and Developments -- 9. Recommendations For

Educational Settings.

Sommario/riassunto

This book highlights the findings from the largest study of its kind undertaken in the United Kingdom that investigated the behaviours, of teenage boys, as they reflect on the extent and motivations associated with the sending and receiving of self-generated sexual images and messages (sexting). Based on a cross-sectional research study that examined the sexting behaviour data of boys 14-18, this book allows the voice of the teenagers to be heard alongside the interpretation and consideration of qualitative data collected from the study and semi-structured interviews. The book attempts to answer questions surrounding the prevalence of adolescent practice and the intersection between the individual and the contextual elements of sexting that effect motivation. Dr Needham examines the relationship between behaviour and sexual identity and the impact of age, ethnicity, relationships, pornography, and faith. The recommendations suggested challenge curriculum, policy and practice development relating to how teenage sexting is framed and proposes a new approach with a sexting typology that addresses the 'why' behind the motivation to sext, rather than just examining the 'what' of message content. Jon Needham serves as Director of Safeguarding & Mental Health for a large multi-academy trust. A former specialist nurse and sexual health commissioner, he brings extensive experience supporting young people. Over the past two decades, he has specialised in safeguarding and holds a PhD in Education.
