

1. Record Nr.	UNINA9910257419203321
Titolo	Non-Linearity and Breakdown in Soft Condensed Matter [[electronic resource]] : Proceedings of a Workshop Held at Calcutta, India 1–9 December 1993 / / edited by Kamal K. Bardhan, Bikas K. Chakrabarti, Alex Hansen
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 1994
ISBN	3-540-49037-X
Edizione	[1st ed. 1994.]
Descrizione fisica	1 online resource (XI, 340 p. 70 illus.)
Collana	Lecture Notes in Physics, , 0075-8450 ; ; 437
Disciplina	620.1/123
Soggetti	Condensed matter Geophysics Physics Mechanics Mechanics, Applied Condensed Matter Physics Geophysics/Geodesy Mathematical Methods in Physics Numerical and Computational Physics, Simulation Classical Mechanics Theoretical and Applied Mechanics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Decompaction, fluidisation and segregation in a 2D sandpile -- Granular flow: Some experimental results -- Density waves in granular flow -- Height fluctuations and pressure distribution in a model of random close packing of mono-size discs -- Statics and dynamics of sandpiles: Some phenomenological ideas -- Some physical properties of the Burrige-Knopoff model -- Jerky flow, stick-slip in geological materials and earthquake models -- Dynamics and structure of displacement fronts in two-dimensional porous media -- Heterogeneous porous media: Fronts and noise -- Pattern formation in particulate complex fluids: A guided tour -- Solvable models of

material breakdown -- Fracture and other breakdown phenomena in disordered solids -- Spring-network and finite-element models for elasticity and fracture -- Ginzburg-Landau form description for steps on creep curves -- Laboratory simulation of dielectric breakdown -- Fracture roughness and physical implications -- Rock fracturing by gas loading for well stimulation -- Physics of random nonlinear composites -- Scaling behavior of electric response in a non-linear composite -- Non-linear effects at the critical supercurrent in Josephson Junctions arrays -- Field-induced transport in random media -- Percolation and tunneling in the quantum hall effect.

Sommario/riassunto

There have been considerable advances in recent times in understanding many common material processes that are of practical importance, such as nonlinear response, fracture, breakdown, earthquakes, packing, and granular flow, that are of immense practical importance. This has been mainly due to new applications of statistical physics, including percolation theory, fractal concepts and self-organized criticality. This collection of articles brings together research in those closely allied fields. It deals with problems in material science involving random geometries and nonlinearity at a mesoscopic scale, where local disorder and nonlinearity influence the global behaviour of cracks, for example, and problems where randomness in time evolution is as crucial as the geometry itself.

2. Record Nr.	UNISA996466120803316
Titolo	Security and Cryptography for Networks [[electronic resource]] : 5th International Conference, SCN 2006, Maiori, Italy, September 6-8, 2006, Proceedings // edited by Roberto De Prisco, Moti Yung
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2006
ISBN	3-540-38081-7
Edizione	[1st ed. 2006.]
Descrizione fisica	1 online resource (XII, 368 p.)
Collana	Security and Cryptology ; ; 4116
Disciplina	005.8
Soggetti	Cryptography Data encryption (Computer science) Computer networks Operating systems (Computers) Electronic data processing—Management Algorithms Computers and civilization Cryptology Computer Communication Networks Operating Systems IT Operations Computers and Society
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	Distributed Systems Security: Foundations -- Edge Eavesdropping Games -- Universally Composable Simultaneous Broadcast -- Signature Schemes Variants -- Relations Among Security Notions for Undeniable Signature Schemes -- Concurrent Blind Signatures Without Random Oracles -- Universal Designated Verifier Signatures Without Random Oracles or Non-black Box Assumptions -- Block Ciphers Analysis -- Understanding Two-Round Differentials in AES -- Related-Key Attacks on the Full-Round Cobra-F64a and Cobra-F64b -- Anonymity and E-Commerce -- Constant-Size Dynamic k-TAA -- On Secure Orders in

the Presence of Faults -- Balancing Accountability and Privacy Using E-Cash (Extended Abstract) -- Public Key Encryption and Key Exchange -- About the Security of MTI/C0 and MQV -- Chosen-Ciphertext Secure Threshold Identity-Based Key Encapsulation Without Random Oracles -- A New Key Exchange Protocol Based on MQV Assuming Public Computations -- Secret Sharing -- Ideal Secret Sharing Schemes Whose Minimal Qualified Subsets Have at Most Three Participants -- Cheating Immune (2,n)-Threshold Visual Secret Sharing -- Rational Secret Sharing, Revisited -- Symmetric Key Cryptanalysis and Randomness -- On the Security of HMAC and NMAC Based on HAVAL, MD4, MD5, SHA-0 and SHA-1 (Extended Abstract) -- Distinguishing Stream Ciphers with Convolutional Filters -- On Statistical Testing of Random Numbers Generators -- Applied Authentication -- Lightweight Email Signatures (Extended Abstract) -- Shoehorning Security into the EPC Tag Standard -- Proof-Carrying Proxy Certificates -- Public Key Related Cryptanalysis -- Cryptanalysis of Rainbow -- An Improved LPN Algorithm -- Invited Talk -- Theory and Practice of Multiparty Computation.

Sommario/riassunto

The Conference on Security and Cryptography for Networks 2006 (SCN 2006) was held in Maiori, Italy, on September 6-8, 2006. The conference was the 7th in the SCN series, and this year marked a change in its name (the former name was Security in Communication Networks). The name change meant to better describe the scope of the conference while preserving the SCN acronym. This year for the first time we had the proceedings volume ready at the conference. We feel that the SCN conference has matured and that it has become a tradition to hold it regularly in the beautiful setting of the Amalfitan coast as a biennial event. The conference brought together researchers in the fields of cryptography and security in order to foster the extension of cooperation and exchange of ideas among them, aiming at assuring safety and trustworthiness of communication networks. The topics covered by the conference this year included: foundations of distributed systems security, signatures schemes, block ciphers, anonymity, e-commerce, public key encryption and key exchange, secret sharing, symmetric and public key cryptanalysis, randomness, authentication. The international Program Committee consisted of 24 members who are top experts in the conference fields. We received 81 submissions amongst which 24 papers were selected for presentation at the conference. These proceedings include the extended abstract versions of the 24 accepted papers and the short abstract of the invited talk by Ivan Damgard.

3. Record Nr.	UNISA996544672503316
Titolo	African journal of range & forage science
Pubbl/distr/stampa	Scottsville, Republic of South Africa : , : Grassland Society of Southern Africa, , 1993-
ISSN	1727-9380
Descrizione fisica	1 online resource
Soggetti	<p>Range management - Africa, Southern Range plants - Africa, Southern Grazing - Africa, Southern Grasslands - Africa, Southern Forage Écologie des pâturages - Afrique Écologie des pâturages - Afrique du Sud Pâturages - Gestion Plantes fourragères - Afrique Plantes fourragères - Afrique du Sud Plantes pastorales - Afrique australe Prairies - Afrique australe Fourrage Grasslands Grazing Range management Range plants Periodicals Southern Africa</p>
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico

