

1. Record Nr.	UNINA9910821942203321
Titolo	Algorithms, architectures and information systems security // editors, Bhargab B. Bhattacharya ... [et al.]
Pubbl/distr/stampa	New Jersey, : World Scientific, c2009
ISBN	1-282-44229-5 9786612442292 981-283-624-1
Edizione	[1st ed.]
Descrizione fisica	1 online resource (384 p.)
Collana	Statistical science and interdisciplinary research, , 1793-6195 ; ; v. 3 Platinum jubilee series
Altri autori (Persone)	BhattacharyaBhargab B
Disciplina	005.8
Soggetti	Computer security Information technology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"This volume includes the extended version of a few papers which were presented at the Second International Conference on Information Systems Security (December 18-20, 2006), and Track I of the International Conference on Computing: Theory and Applications (March 5-7, 2007)"--Pref.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Foreword; Preface; Contents; 1. Euclidean Shortest Paths in a Simple Polygon F. Li and R. Klette; 2. Theory of a Practical Delaunay Meshing Algorithm for a Large Class of Domains S.-W. Cheng, T. K. Dey and J. Levine; 3. Families of Convex Sets not Representable by Points J. Pach and G. T o th; 4. Some Generalizations of Least-Squares Algorithms T. Asano, N. Katoh, K. Mehlhorn and T. Tokuyama; 5. On Depth Recovery from Gradient Vector Fields T. Wei and R. Klette; 6. Convolutional Compactors for Guaranteed 6-Bit Error Detection F. B o rner, A. Leininger and M. G o ssel 7. Low-Energy Pattern Generator for Random Testing B. B. Bhattacharya, S. C. Seth and S. Zhang8. New Methodologies for Congestion Estimation and Reduction T. Taghavi and M. Sarrafzadeh; 9. Multimedia Channel Assignment in Cellular Networks B. P. Sinha and G. K. Audhya; 10. Range Assignment Problem in Wireless Network G. K. Das, S. Das and S. C. Nandy; 11. Privacy in the Electronic Society: Emerging Problems and Solutions C. A. Ardagna, M. Cremonini, E.

Damiani, S. De Capitani di Vimercati and P. Samarati; 12. Risk-Based Access Control for Personal Data Services S. A. Chun and V. Atluri
13. Topological Vulnerability Analysis S. Jajodia and S. Noel
14. New Malicious Code Detection Using Variable Length n-Grams S. K. Dash, D. K. S. Reddy and A. K. Pujari; 15. Overview of State-of-the-Art in Digital Image Forensics H. T. Sencar and N. Memon; 16. Privacy Preserving Web-Based Email K. Butler, W. Enck, P. Traynor, J. Plasterr and P. D. McDaniel; Appendix

Sommario/riassunto

This volume contains articles written by leading researchers in the fields of algorithms, architectures, and information systems security. The first five chapters address several challenging geometric problems and related algorithms. These topics have major applications in pattern recognition, image analysis, digital geometry, surface reconstruction, computer vision and in robotics. The next five chapters focus on various optimization issues in VLSI design and test architectures, and in wireless networks. The last six chapters comprise scholarly articles on information systems security coverin
