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Collana	Lecture Notes on Data Engineering and Communications Technologies, , 2367-4512 ; ; 38
Disciplina	004
Soggetti	Engineering—Data processing
	Computer engineering
	Internet of things
	Embedded computer systems
	Computational intelligence
	Data Engineering
	Cyber-physical systems, IoT
	Computational Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Summarization of Research Publications Using Automatic Extraction -- Information Diffusion: Survey to Models and Approaches, a Way to Capture Online Social Networks -- Extended Fibonacci Series for Selection of Carrier Samples in Data Hiding and Extraction -- Design and Analysis of Wideband Decagon Microstrip Antenna -- Smart Monitoring for Waste Management Using Internet of Things -- Enhanced Scrambled Prime Key Encryption Using Chaos Theory and Steganography -- Bank Vault Security System Based on Infrared Radiation and GSM Technology -- A Data Security Scheme for the Secure Transmission of Images -- Biometric Authentication in Cloud -- Design and Development of an Internet of Things Based Test And Measuring Instrument -- Comparative Analysis of Deep Neural Networks for Crack Image Classification -- Forecast Solar Energy Using Artificial Neural Networks -- Biometric Image Encryption Based on

Chaotic SineMap and Information Entropy -- Internet of Things Towards Smart Solar Grid Systems for Home Appliances.

Sommario/riassunto	This book focuses on the emerging advances in distributed communication systems, big data, intelligent computing and Internet of Things, presenting state-of-the-art research in frameworks, algorithms, methodologies, techniques and applications associated with data engineering and wireless distributed communication technologies. In addition, it discusses potential topics like performance analysis, wireless communication networks, data security and privacy, human computer interaction, 5G Networks, and smart automated systems, which will provide insights for the evolving data communication technologies. In a nutshell, this proceedings book compiles novel and high-quality research that offers innovative solutions for communications in IoT networks.