

1. Record Nr.	UNINA9910350310003321
Titolo	Transactions on Engineering Technologies : World Congress on Engineering and Computer Science 2017 / / edited by Sio-long Ao, Haeng Kon Kim, Mahyar A. Amouzegar
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2019
ISBN	981-13-2191-4
Edizione	[1st ed. 2019.]
Descrizione fisica	1 online resource (386 pages)
Disciplina	620
Soggetti	Industrial engineering Production engineering Computer networks Chemistry, Technical Electrical engineering Mathematical models Industrial and Production Engineering Computer Communication Networks Industrial Chemistry Electrical and Electronic Engineering Mathematical Modeling and Industrial Mathematics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1. Classical Young Measures Generated by Oscillating Sequences with Uniform Representation -- 2. Energy Requirements Estimation Models for Iron and Steel Industry Applied to Electric Steelworks -- 3. Technology Landscape 4.0 -- 4. Modeling of Vehicle-Cargo Interaction under Different Environments -- 5. Temperature Optimized Hydrolysis of Acetic Acid Catalyzed Magnesium Hydride for Hydrogen Generation in a Batch System Hydrogen Reactor -- 6. Investigation into the Electrical Conductivity of Carbon Nanosphere-Based Green Nanofluids -- 7. Convective Drying of Ginger Rhizomes -- 8. A Multi-Agent Simulation Study for Congestion Minigation in a University Campus Restaurant -- 9. Dynamic Virtual Bats Algorithm with Probabilistic Selection Restart

Technique -- 10. Clustering for binary featured datasets -- 11. Addressing the Challenges of IGBO Computational Morphological Studies Using Frequent Pattern-Based Induction -- 12. Application of Box-Jenkins Model in Predicting Road Traffic Crashes in Nigeria -- 13. Gumbel Distribution: Ordinary Differential Equations -- 14. Half-Normal Distribution: Ordinary Differential Equations -- 15. Sources of Stressors among Physics Education Undergraduates of Chukwuemeka Odumegwu Ojukwu University, Nigeria -- 16. Reactive Power Loss Minimization on an Interconnected Electric Power Network -- 17. Application of Remote Telemetry for Improving Formula SAE Car Performance -- 18. Reliable Energy Generation Using Hybrid System Technology to Improve Standard of Living in the Rural Area -- 19. Android Mobile Malware Classification Using a Tokenization Approach -- 20. Non-Taxonomic Relation Extraction Using Probability Theory -- 21. Insider Threat Veracity Issues -- 22. Why should a Senior Citizen be a Facebook User? -- 23. Archive Browsing System for the Roads with Extremely Delayed Recovery after the 2011 Tohoku Earthquake -- 24. Exponentiated Generalized Exponential Distribution: Ordinary Differential Equations -- 25. Quantifying the Mind: Worry, Tension and Anxiety -- 26. Half-Cauchy and Power Cauchy Distributions: Ordinary Differential Equations -- 27. 3-Papameter Weibull Distribution: Ordinary Differential Equations.

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#### Sommario/riassunto

This volume contains a selection of revised and extended research articles written by prominent researchers participating in a large international conference on Advances in Engineering Technologies and Physical Science which was held in San Francisco, California, USA, October 25-27, 2017. Topics covered include engineering mathematics, electrical engineering, communications systems, computer science, chemical engineering, systems engineering, manufacturing engineering, and industrial applications. With contributions carefully chosen to represent the most cutting-edge research presented during the conference, the book contains some of the state-of-the-art in engineering technologies and the physical sciences and their applications, and serves as a useful reference for researchers and graduate students working in these fields.

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