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Disciplina	620
Soggetti	Mathematical models Industrial engineering Production engineering Computers Chemical engineering Electrical engineering Mathematical Modeling and Industrial Mathematics Industrial and Production Engineering Information Systems and Communication Service Industrial Chemistry/Chemical Engineering Electrical Engineering
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Chapter 1. A New Mathematical Model for a Membrane MEMS Device (Luisa Fattorusso and Mario Versaci) -- Chapter 2. Study of Changes of the Individual Parameter of Resources in the Modelling of Renewable Systems (Oleksandr Karelin, Anna Tarasenko, Oleksandr Barabash, Manuel Gonzalez-Hernandez and Joselito Medina-Marin) -- Chapter 3. Topological Invariants in Engineering Sciences and Quantum field theories (Philippe Durand) -- Chapter 4. Flow Of Ferrofluid Over An Inclined Stretching Sheet In The Presence Of A Magnetic Dipole (L. S. Rani Titus and Annamma Abraham) -- Chapter 5. Fundamental Solutions of Dynamics Of Anisotropic Elastic Medium (G.K. Zakir' yanova) -- Chapter 6. Modelling the Performance of a Vertical Axis

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### Sommario/riassunto

This volume contains a selection of revised and extended research articles written by prominent researchers participating in The 26th World Congress on Engineering (WCE 2018) which was held in London, U.K., July 4-6, 2018. 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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