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Nota di contenuto	A New Result Using Quasi--Power Increasing Sequence -- (C, 1, 1)-Quasinormal convergence of double sequence of functions -- Fixed Point Theorems in Neutrosophic Soft Metric Space -- Existence of Best Proximity Points on (,) Contractions in RMS -- Approximation of signals by El1El1 product summability means of Fourier-Laguerre expansion -- Approximation of signal belongs to generalized W(Lr, (t)) class by (C, ,) A – matrix summability of Fourier series -- A New connection on Generalised Tangent Bundle -- Analysis of third order resonant periodic orbits in perturbed circular restricted three body problem -- Exergy Optimisation in Closed-Loop Spray Drying -- Simulation and Modelling of Linear and Nonlinear PID

Controller.

Sommario/riassunto

The book is a collection of best selected research papers presented at the Third International Conference on “Mathematical Modeling, Computational Intelligence Techniques and Renewable Energy (MMCITRE 2022),” organized by the University of Technology Sydney, Australia, in association with the Department of Mathematics, Pandit Deendayal Energy University, India, and Forum for Interdisciplinary Mathematics. This book presents new knowledge and recent developments in all aspects of computational techniques, mathematical modeling, energy systems, applications of fuzzy sets and intelligent computing. The book provides innovative works of researchers, academicians and students in the area of interdisciplinary mathematics, statistics, computational intelligence and renewable energy.