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   Autore   Baldessari, Bruno

   Titolo   Sulla distribuzione congiunta della combinazione lineare e di una forma quadratica di variabili casuali normali / Bruno Baldessari, Francesca Baldessari Gallo

   Pubbl/distr/stampa   Roma : Facoltà di Scienze Statistiche Demografiche e Attuariali, 1969

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Autore	Constanda C (Christian)
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Altri autori (Persone)	BodmannBardo E. J HarrisPaul J
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Formato	Materiale a stampa
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Nota di contenuto	Computational modelling based on RIBEM method for the numerical solution of convection-diffusion equations (Al-Bayati) -- Two-operator Boundary-Domain Integral Equations for Variable-Coefficient Dirichlet Problem in 2D with General Right-Hand Side (Ayele) -- Implementation of Thermal Effects in Neutron Interactions in a Physical Monte Carlo Simulator (Bodmann) -- On the Parameter Significance in Pandemic Modelling (Bodmann) -- On a Variational Principle for Equilibrium Free Energy Functional of Simple Liquids (Brikov) -- Use of variants of seismic signal approximations by proposed sets of functions for statistical structural analysis (Brikov) -- Topics on Space Weather: Operational Numerical Prediction for Electron Content (de Campos Velho) -- Ray-tracing the Ulam way (Chappell) -- The Robin Boundary Value Problem for an Unbounded Plate with a Hole (Constanda) -- A Mathematical Model Of Cell Clustering (Harris) -- A revisit to a double-

periodic perforated Neumann waveguide: opening spectral gaps(Pérez-Martínez) -- Spectral homogenization problems in linear elasticity: the averaged Robin reaction matrix (Pérez-Martínez) -- Time harmonic oscillations of a porous-elastic body with an application to modelling the spinal cord (Harris) -- The Poly-Cauchy Operator, Whitney Arrays, and Fatou Theorems for Polyanalytic Functions in Uniformly Rectifiable Domains (Mitrea) -- The influence of the refractive index and absorption coefficients in the solution of the radiative conductive transfer equation in Cartesian geometry (Ladeia) -- Boundary Value Problems for Elliptic Systems onWeighted Morrey Spaces in Rough Domains (M. Mitrea) -- Recipes for Computer Implementation of a Response Matrix Spatial Spectral Nodal Method for Three-dimensional Discrete Ordinates Neutral Particle Transport Modeling (Barros) -- On Maximum Principles for Weak Solutions of some Parabolic Systems (Mikhailov) -- Boundary integral equations analysis of bones resorption effect on stresses state near dentalimplants (Perelmuter) -- Mathematical Modeling of Partially Miscible Water Alternating Gas Injection Using Geometric Thermodynamic Variables (Puime Pires) -- Generalised model of wear in contact problems: the case of oscillatory load (Ponomarev) -- On the philosophical foundations of an optimization algorithm inspired by human social behavior under a dynamical status distribution (de Oliveira) -- On applications of the optimization algorithm DySDO (de Oliveira) -- On the influence of the signal to noise ratio on the reconstruction of the non-linear transfer function in signal amplification (Bodmann) -- An Analytic Solution for the Transient Three-Dimensional Advection–Diffusion Equation with Non-Fickian Closure by an Integral Transform Technique (Buske) -- Failure Analysis of Composite Pipes Subjected to Bending: Classical Laminated Plate Theory vs. 3D Elasticity Solution (O. Menshykov) -- The analytical formulation GILTT applied in a model of contaminant transport in porous media (Buske) -- An Existence Result for a Class of Integral Equations via Graph-Contractions (Younis) -- Some Convergence Results on the Periodic Unfolding Operator in Orlicz Setting (Zappale) -- Three-Phase Flow Zero-Net Liquid Holdup in Gas-Liquid Cylindrical Cyclone (GLCCc) (Shoham) -- Error Propagation in Dynamic Iterations Applied to Linear Systems of Differential Equations (Zubik-Kowal).

Sommario/riassunto	This volume contains a collection of articles on state-of-the-art developments in the construction of theoretical integral techniques and their application to specific problems in science and engineering. Chapters in this book are based on talks given at the Seventeenth International Conference on Integral Methods in Science and Engineering, held virtually in July 2022, and are written by internationally recognized researchers. This collection will be of interest to researchers in applied mathematics, physics, and mechanical, electrical, and petroleum engineering, as well as graduate students in these disciplines and other professionals for whom integration is an essential working tool.