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FUNCTIONAL ANALYSIS, APPROXIMATION THEORY AND NUMERICAL ANALYSIS

edited by **John M Rassias** *(The National University of Athens)*

This book consists of papers written by outstanding mathematicians. It deals with both theoretical and applied aspects of the mathematical contributions of BANACH, ULAM, and OSTROWSKI, which broaden the horizons of Functional Analysis, Approximation Theory, and Numerical Analysis in accordance with contemporary mathematical standards.

Contents:

- On a Conditional Cauchy Equation on Rhombuses (C Alsina & J-L Carcia-Roig)
- Optimization of Functionals and Application to Differential Equations (P C Bhakta)
- On a Generalization of the Golab-Schinzel Functional Equation (N Brillouet-Belluot)
- On Shape from Shading Problem (J Chabrowski & K Zhang)
- Error Estimate in Non-Equi-Mesh Spline Finite Strip Method for Thin Plate Bending Problem (C Q Wu & Z H Wang)
- Asymptotic Behavior of Dynamical Systems and Processes on Banach Infinite Dimensional Spaces (A F Izı)
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- On Banach Algebras of the Potential Differential and Pseudodifferential Operators (I E Pleshchinskaya & N E Pleshchinskii)
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- An Interpretation of Gegenbauer Polynomials and Their Generalization for the Case with Many Variables (A Yanushauskas)
- The Uniqueness and Existence of Solution and Normal Boundary Condition for Thin Plate Bending Problem (Z H Wang & C Q Wu)
- Landau's Type Inequalities (J M Rassias)
- and other paper

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