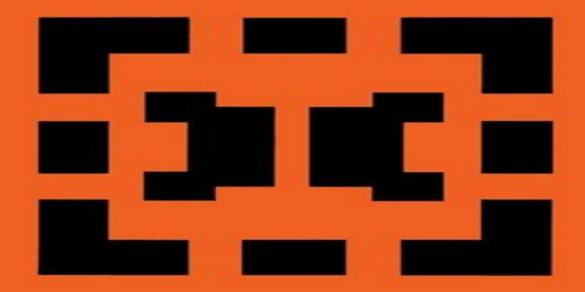
## Mathematics and Its Applications

# V. G. Bagrov and D. M. Gitman

Exact Solutions of Relativistic Wave Equations



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**Shasha Hu** 

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resources some online both dynamic and static some in fixed media are listed among the paper resources Amazingly a majority of listed electronic resources are free **Exact Solutions of Relativistic Wave** Mathematical Reviews ,2004 **Equations** V.G. Bagrov, D. Gitman, 1990-03-14 New Technical Books New York Public Library, 1991 Methods in Science and Engineering George Maroulis, Theodore E. Simos, 2009-09-02 The aim of ICCMSE 2008 is to bring together computational scientists and engineers from several disciplines in order to share methods methodologies and ideas The potential readers are all the scientists with interest in Computational Mathematics Theoretical Physics Computational Physics Theoretical Chemistry Computational Chemistry Mathematical Chemistry Computational Engineering Computational Mechanics Computational Biology and Medicine Scientific Computation High Performance Computing Parallel and Distributed Computing Visualization Problem Solving Environments Software Tools Advanced Numerical Algorithms Modelling and Simulation of Complex Systems Web based Simulation and Computing Grid based Simulation and Computing Computational Grids and Computer Science **Group Theory and Its Applications** Ernest M. Loebl, 1968 This book covers the two broad areas of applications of group theory namely all atomic and molecular phenomena as well as all aspects of nuclear structure and elementary particle theory It contains five chapters and begins with the representation and tensor operators of the unitary groups The next chapter describes wave equations both Schr dinger's and Dirac's for a wide variety of potentials These topics are followed by discussions of the applications of dynamical groups in dealing with bound state problems of atomic and molecular physics A chapter explores the connection between the physical constants of motion and the unitary group of the Hamiltonian the symmetry adaptation with respect to arbitrary finite groups and the Dixon method for computing irreducible characters without the occurrence of numerical errors. The last chapter deals with the study of the extension representation and applications of Galilei group This book will prove useful to mathematicians practicing engineers Generalized Fractional Order Differential Equations Arising in Physical Models Santanu Saha and physicists Ray, Subhadarshan Sahoo, 2018-11-13 This book analyzes the various semi analytical and analytical methods for finding approximate and exact solutions of fractional order partial differential equations It explores approximate and exact solutions obtained by various analytical methods for fractional order partial differential equations arising in physical models

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Wescott,S. Steven Kushner,1965 This bibliography contains several thousand abstracts from the unclassified literature on the propagation of sound in air The subject is treated in depth for the years 1929 to 1963 Some abstracts on earlier works of lasting interest and many abstracts from English translations of foreign journals are included The abstracts are grouped according to subject matter Subject and author indexes are furnished Accessions Document AD and earlier ATI numbers used by both the Defense Documentation Center formerly ASTIA and the Office of Technical Services OTS are furnished wherever possible Author

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