

TABLE OF CONTENTS

OUTLINE OF PROFESSOR WŁODZIMIERZ ŻUK (1916–1981) LIFE.....	7
Davide Fisaletti, Amrit Sorli Dynamic Quantum Vacuum and Relativity	11
A. D. Antia, E. E. Ituen Hellmann Potential in Spinless Salpeter Equation with Potential Barrier within the Framework of Nikiforov-Uvarov method	53
M. Yourdkhani, S. Zarrinkamar An Exact Analytical Solution to the Shallow Water Equations Near Beaches.....	63
V. Privezentsev, V. Plotnichenko, V. Koltashev, E. Steinman, A. Tereshchenko, N. Kolesnikov, A.Yu. Trifonov, O.A. Sakharov Optical and TEM Characterization of Phase Transformation in Zn Ion Implanted and Thermal Oxidized Quartz.....	71
Laurent Simon, Christophe Lécuyer, Thibaut Putelat The Calculation of Water-Rock Ratios Using Trace Element (Li, B) Stable Isotopes	79