

Preface

**Salvatore Rionero · F. de Giovanni · G. Laccetti ·
G. Moscariello · C. Sbordone**

Published online: 21 October 2014
© Università degli Studi di Napoli “Federico II” 2014

The aim of this Supplement to the volume 63 of 2014 of *Ricerche di Matematica* is to focus on the latest developments and achievements of the research fields carried at the *Dipartimento di Matematica e Applicazioni “R. Caccioppoli”* of the University of Naples “Federico II”.

The research papers cover various topics like partial differential equations, group theory, geometric function theory, fluid-mechanics, algebra, qualitative analysis, non-linear stability, numerical analysis, probability measure, hyperbolic operators, isoperimetric inequalities, stochastic processes, interpolating functions,...

In particular, this Supplement includes papers related to the subjects presented by main speakers and by the young researchers in the Conference “*Advances in Pure and Applied Mathematics*” held in Naples on June 18, 2014.

The editors thank all the contributors and the Referees work.

The editors

S. Rionero (Editor-in-Chief)
Guest Editors:
F. de Giovanni; G. Laccetti;
G. Moscariello; C. Sbordone