Preface

“Mathematics Without Boundaries: Surveys in Pure Mathematics” consists of chapters written by eminent scientists from the international mathematical community, who present significant advances in several theories, methods and problems of mathematical analysis, discrete mathematics, geometry and their applications.

These contributions focus on both old and recent developments in functional analysis, harmonic analysis, complex analysis, operator theory, combinatorics, functional equations, differential equations as well as a variety of applications.

Furthermore some review works are published in this book which could prove to be particularly useful for a broader audience of readers in mathematical sciences and especially to graduate students who search for the latest information.

It is our pleasure to express our thanks to all the contributors of chapters in this book.

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