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البحث العلمي في خدمة المواطن



Mathematics 1

رياضيات 1

University
of 20 August 1955 - Skikda



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Mathematics 1

رياضيات 1

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Rabah Khemis is an Associate Professor of Mathematics at 20 August 1955, University of Skikda since 2006. He received his Ph.D. in Mathematics from Badji Mokhtar Annaba University in 2008. He has taught analysis, algebra, measure and integration, topology, functional analysis and operator theory. Rabah Khemis directed many master theses and doctoral dissertations and he is also the author of many research scientific publications on fixed point theory, functional analysis and functional differential equations.

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This book is designed for first year students whose speciality is precisely matter sciences as well as all students studying mathematics at the university whatever their speciality. It consists of six chapters covering fundamental concepts in analysis and algebra such as sets, relations, functions, groups, rings, fields, vector spaces and linear transformations. Its main feature lies in its exposition. Most of the concepts are given in their simplest but rigorous forms for helping the student to understand them more deeply and hence to be able to comprehend the advanced forms of them when the need arises. Furthermore, this book contains many examples and full solutions of over 100 varied exercises..

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