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hardware resources, unreliable communication, dynamic topology of some wireless networks, vulnerability and unsecure environment. This book is edited for users, academicians and researchers of wireless network.

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freely available online <http://www.oup.co.uk/companion/singh>" -- From preface.

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variations, including the brachistochrone problem. The text concludes with a discussion on tensor analysis which has important applications in the study of continuum mechanics, theory of relativity, and elasticity. Intended primarily as a text for

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undergraduate students of engineering, postgraduate students of mathematics (M.Sc.), and master of computer applications (MCA), the book would be of great benefit also to practising engineers. Key Features The topics given are application-oriented, and are

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Malik Muhammad Jaaysi

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using novel techniques. It
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*also useful for
competitive Examination.
The book deals with the
generalizations of
Pythagoras theorem to
polygons. The celebrated
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theorem representing the sum of squares of two (positive) integers as the square of another integer has been extended to quadrilaterals composed of two right triangles so

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*that the sum of squares of
its first three sides
equals the square of the
remaining side. In the
language of algebra,
integral solutions of a
quadratic equation $a^2 + b^2$*

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This textbook commences with a brief outline of development of real numbers, their expression as infinite decimals and their representation by points along a line. While the first part of the textbook is analytical, the latter part deals with the geometrical

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