



# Kerala Mathematics: History and its Possible Transmission to Europe

By Goerge Gheverghese Joseph

B.R. Publishing Corporation, Delhi, 2009. Hardcover. Book Condition: New. First edition. 15 x 23 cm. In the history of mathematics, the invention of calculus and `the passage to infinity` are seen as major benchmarks in the creation of modern or advanced mathematics. A principal focus of this volume is tracing the beginnings of modern mathematics to India, notably Kerala, and how these ideas and techniques may have been transmitted to Europe. If such transmission proves to be significant, it would help to deconstruct the prevailing Eurocentric account of the development of modern mathematics. To that end invitations were extended to a group of distinguished historians, mathematicians, educators, linguists, philosophers and others to make presentations at a two-day Workshop held in Trivandrum. And this is reflected in the breadth and depth of the papers presented in this volume. Contents Introduction I. The Kerala School of Mathematics and Astronomy : The Social and Historical Contexts : 1. Infinite Series Across three Cultures : Background and Motivation - A Brief Survey/George Gheverghese Joseph 2. Indian Mathematical Tradition : The Kerala Dimension/V. Madhukar Mallayya and George Gheverghese Joseph 3. An Intellectual Background of Medieval Kerala With Special Reference to Mathematics and Astronomy/Vijayalekshmy M. and...



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