

VEDIC MATHEMATICS - 'VEDIC' OR 'MATHEMATICS': A FUZZY & NEUTROSOPHIC ANALYSIS

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Vedic Mathematics Vedic Or Mathematics A Fuzzy Neutrosophic Analysis

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Vedic Mathematics Vedic Or Mathematics A Fuzzy Neutrosophic Analysis:

Vedic Mathematics, 'Vedic' or 'Mathematics': A Fuzzy & Neutrosophic Analysis W. B. Vasantha

Kandasamy, Florentin Smarandache, 2006-12 The Vedas are considered divine in origin and are assumed to be revelations from God In traditional Hinduism the Vedas were to be learnt only by the upper caste Hindus The lower castes Sudras and so called untouchables who were outside the Hindu social order were forbidden from even hearing to its recitation In recent years there have been claims that the Vedas contain the cure to AIDS and the production of electricity Here the authors probe into Vedic Mathematics that gained renown during the revivalist Hindutva rule in India and was introduced into school syllabus in several states and explore if it is really Vedic in origin or Mathematics in content To gain a better understanding of its imposition we interviewed students teachers parents educationists and activists We analyze this problem using models like Fuzzy Cognitive Maps FCM Fuzzy Relational Maps FRM and newly constructed Fuzzy Dynamical System and their Neutrosophic Analogues The issue of imposition of Vedic Mathematics into the school curriculum involves religious politics caste supremacy apart from elementary arithmetic so we use fuzzy and neutrosophic techniques to gain acute insight into how students have been affected because of this politically motivated syllabus revision Mathematical Analysis of the Problems Faced by the People with Disabilities (PWDs) / With Specific Reference to Tamil Nadu (India) W. B. Vasantha

Kandasamy, Florentin Smarandache, A. Praveen Prakash, 2012 **Handbook of Research on Natural Computing for Optimization Problems** Mandal, Jyotsna Kumar, Mukhopadhyay, Somnath, Pal, Tandra, 2016-05-25 Nature inspired computation is an interdisciplinary topic area that connects the natural sciences to computer science Since natural computing is utilized in a variety of disciplines it is imperative to research its capabilities in solving optimization issues The Handbook of Research on Natural Computing for Optimization Problems discusses nascent optimization procedures in nature inspired computation and the innovative tools and techniques being utilized in the field Highlighting empirical research and best practices concerning various optimization issues this publication is a comprehensive reference for researchers academicians students scientists and technology developers interested in a multidisciplinary perspective on natural computational systems *Cogitations on Advances in Physical and Mathematical Sciences* J.G.VALAN ARASU, MITA

DARBARI, 2022-06-24 **Science and Scientification in South Asia and Europe** Axel Michaels, Christoph Wulf, 2020-03-11 This volume critically examines the role of science in the humanities and social sciences It studies how cultures and societies in South Asia and Europe underwent a transformation with the adoption or adaptation of scientific methods turning ancient cultural processes and phenomena into an enhanced scientific structure The chapters in this book Discuss the development of science as a method in modern and historical contexts and the differences between modern science scientification and pseudoscience Study the interactions between bodies of knowledge such as Sanskrit and computer science mathematics and Vedic mathematics science and philosophy Drawing on textual material extensive

fieldwork and in depth interviews this book will be of great interest to scholars and researchers of philosophy Indology history linguistics history and philosophy of science and social science The Great Mathematicians of Bharat Partha Pratim Ray ,2023-12-20 The Great Mathematicians of Bharat emerges as a seminal work aligning perfectly with the vision of the National Education Policy NEP 2020 which emphasizes the integration and appreciation of Indian Knowledge Systems IKS in contemporary education This book meticulously documents the rich legacy of India s mathematical geniuses serving as a crucial resource in rekindling interest and respect for Bharat s profound mathematical traditions It underscores the symbiotic relationship between cultural ethos and scientific inquiry highlighting how Indian mathematicians not only contributed to the field of mathematics but also how their work was deeply interwoven with Hindu spiritual and cultural practices By chronicling the journey from ancient sages to modern masters the book provides a comprehensive view of the evolution of mathematical thought in Bharat thus fulfilling NEP 2020 s objective of integrating indigenous knowledge with modern academic frameworks In doing so it not only educates but also inspires setting a precedent for future academic endeavours to explore and celebrate India s rich intellectual heritage *MOD Graphs* W. B. Vasantha Kandasamy, Ilanthenral K, Florentin Smarandache, In this book the authors for the first time introduce study and develop the notion of MOD graphs MOD directed graphs MOD finite complex number graphs MOD neutrosophic graphs MOD dual number graphs and MOD directed natural neutrosophic graphs There are open conjectures that can help researchers in the graph theory Green IT Engineering: Components, Networks and Systems Implementation Vyacheslav Kharchenko, Yuriy Kondratenko, Janusz Kacprzyk, 2017-04-11 This book presents modern approaches to improving the energy efficiency safety and environmental performance of industrial processes and products based on the application of advanced trends in Green Information Technologies IT Engineering to components networks and complex systems software programmable and hardware components communications Cloud and IoT based systems as well as IT infrastructures The book s 16 chapters prepared by authors from Greece Malaysia Russia Slovakia Ukraine and the United Kingdom are grouped into four sections 1 The Green Internet of Things Cloud Computing and Data Mining 2 Green Mobile and Embedded Control Systems 3 Green Logic and FPGA Design and 4 Green IT for Industry and Smart Grids The book will motivate researchers and engineers from different IT domains to develop implement and propagate green values in complex systems Further it will benefit all scientists and graduate students pursuing research in computer science with a focus on green IT engineering *VEDIC MATHEMATICS For Students* NAVA VISION, 2018-01-17 VEDIC MATHEMATICS For Students Level 1 of 5 Series is the first book on Vedic Mathematics introducing the ancient techniques and fundamental concepts present in Mathematics This book has detailed illustrations of all the methods explained in detail This book helps students increase their ability and get into their comfort zone when solving problems Vedic Mathematics can inspire young minds to be creative and improve lateral thinking In ancient India Mathematics was known by the general name Ganitha which includes arithmetic geometry algebra

astronomy and astrology In the field of Mathematics ancient Indians made three distinct contributions the notation system the decimal system and the use of zero The system discovered by Swami Bharathi Krishna Tirthaji is based on sixteen formulae or sutras and thirteen sub formulae upa sutras These sutras can be related to natural and mental functions such as completing a whole noticing analogies generalisation and so on It provides one line mental and super fast methods along with quick cross checking systems It offers concepts methods tricks and shortcuts to workout complex mathematical problems fast literally in few seconds without using calculators and computers

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Removes fear of Mathematics Enables strong Logical thinking Problem Solving skills Enables Faster Calculations Improves Concentration Encourages Mental Calculations Encourages Multidimensional Thinking Develops Creativity *Vedic Mathematics* Manaraja,2004-04 *Vedic Mathematics for All Ages* Vandana Singhal,2007 The author has attempted to codify several useful results embedded in the ancient lore in a form which is easily accessible to the children learning mathematics Many of the chapters deal with computations using simple techniques which will shorten the effort involved in the conventional approach The price one pays of course is that one has to learn the tricks memorize them and use the appropriate one for each problem While one might think that this takes away the generality of the modern approach it certainly has the element of charm and intrigue which children and grown ups will find entertaining Even working out why many of these approaches lead to correct results is a valuable exercise by itself

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Encourages Mental Calculations Encourages Multidimensional Thinking Develops Creativity **Vertically and Crosswise**

Andrew P. Nicholas, Kenneth R. Williams, Jeremy Pickles, 2003 Vertically and Crosswise is an advanced book of sixteen chapters on one Vedic Mathematics sutra Primarily it deals with the solution of equations ranging from elementary examples of the sutra to no linear partial differential equations Other topics include the inversion of matrices curve fitting and methods of obtaining series expansions of common functions of one and of two independent variables **Vedic**

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MATHEMATICS Removes fear of Mathematics Enables strong Logical thinking Problem Solving skills Enables Faster Calculations Improves Concentration Encourages Mental Calculations Encourages Multidimensional Thinking Develops Creativity **Vedic Mathematics** Swami Bharati Krishna Tirtha,Vasudeva Sharana Agrawala,1978 **Maths Sutra** Gaurav Tekriwal,2015-11-10 If you hate mathematics If you have always struggled to solve your maths problems in time If you are scared of complex calculations If you are attempting competitive or board exams Or if you would just like to improve your maths skills This book is for you Based on the sixteen sutras vedic maths is practically the only magical principle you need to tackle anything from simple arithmetic to algebra algorithms square roots cube roots trigonometry and many more mathematical concepts In this book you will find easy methodology that will help you solve complex questions and practice exercises that will test your understanding of these concepts So go ahead make Maths Sutra your essential guide to mathematics *Vedic Mathematics: A Mathematical Tale From The Ancient Veda To Modern Times* Giuseppe Dattoli,Silvia Licciardi,Marcello Artoli,2021-05-07 This is a book about Mathematics but not a book of Mathematics It is an attempt between the serious and facetious of conveying the idea that a mathematical thought is the result of different experiences geographical and social factors Even though it is not clear when Mathematics had started it is evident that it had been used at an early stage of human history and by ancient Babylonians and Egyptians who have already developed a sophisticated corpus of mathematical items which were the workhorse tools in engineering navigation trades and astronomy The book sweeps across the mathematical minds of the Greek and Arab traditions concepts by Assyro Babylonians and ancient Indian Vedic culture The mathematical mind has modeled the evolution of societies and has been modeled by it It is now in the midst of a great revolution and it is not clear where it will bring us The current new epoch needs new mathematical tools and above this a new way of looking at Mathematics This book tells the tale of what went on and what might go on

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