










5th International Vedic Mathematics Conference

Sree Sankara College, Kalady, Kerala

11th - 13th August 2022

Research Papers

Thirty-Seven - Unique Properties of Divisibility	Angela Pierri	
Proof of Pascal's Identity using Vedic Mathematics	Chard Aye Alova	
Combinatorics in Vedic Mathematics	Chard Aye Alova	
Vedic Mathematics Sutras and their relevance	Devaraj P	
On the Inter-superimposition of algebra and arithmetic through Vedic Mathematics	James Glover	
Only the Last Terms	James Glover	
Digital Roots and Power Values	Dr Komal Asrani, V.G.Unkalkar	
Vedic Mathematics for Aesthetic Education	Laura Aimo	
Mathematics Fun with Fibonacci and the Numbers 89 and 109	Marianne Fletcher	
Further Investigation into Identifying Prime Numbers using Fermat's Little Theorem and the Ekadhikena Purvana Sutra	Marianne Fletcher	
High Performance IIR Filter Implementation on FPGA using Vedic Multipliers	Dr Meeraja Murali	
Quadratic Solutions using Duplex	Muthuselvi Prabhu	
By Osculation - An Efficient Tool	Muthuselvi Prabhu	
Near Base Multiplication - A Purely Mental Approach and Faster than Ever	Nathan Annenburg	
History of negative numerals and its constructive applications in Vedic mathematics	Prajakti Gokhale	
Aryabhata Numeration	Pranab Kumar Bhattacharjee	
A Special Method to Square Numbers with Specific 10s Digit	Raajesh Srinivasa Rama	
Extending Tirthaji's Special Multiplication Method to Multiply Near Base Digits	Raajesh Srinivasa Rama	
Removing "Mathematics - Phobia" by Vedic Mathematics: A Case of Experiential Learning	Rahul Kumar	
Creating a Sudoku Grid using Vedic Maths Sutras	Ramyaniharshini Balaji	
Comparitive study between Vedic Method and Gauss Elimination method	Rashmi Yadav, S.R.Singh	
A new approach to the solving of problems of Coordinate Geometry using Vedic Mathematics	Ravi Asrani, Shashikant Chitnis	

Methods to find the approximate value of irrational numbers from Śulbasūtras to Vedic Mathematics	Sanjay Deshpande	
Perfect recurring decimals for composite denominators having only prime numbers as factors	Shashikant Chitnis	
Baudhayana- Pythagoras Theorem, Some Indian Proofs	Shriram Chauthaiwale	
Indian Mathematics in the Classical Period (400AD - 1200AD)	Dr Soniya Gupta, Nidhi Handa, Rashmi Yadav	
Implementation of Vedic Sutras to Determine the Characteristic Roots and Corresponding Characteristic Vectors of 4*4 Ordered Matrices	Dr Soniya Gupta, S.R.Singh, Nikhil Gupta	
Mathematical Practices in the Regional Schools of Pre-Colonial India	Swati Dave	
Sanskrit Coding for Magic Squares	Usha Sundar	
Squaring techniques: Ancient v BKT	Usha Sundar	