

Contents

Mathematical

1. The Magic of the last digit 1
Robert McNeil
2. Vyashti Samashti – A sutra from Sankaracarya Bharati 9
Krishna Tirtha
James Glover
3. An Investigation into the Working of the Ekadhikena Purvena Sutra, and how it can be used to identify Prime Numbers 31
Marianne Fletcher

Pedagogical

4. Vedic Maths as a Pedagogic Tool 65
James Glover & Kenneth Williams
5. Challenges to assimilating Vedic Math in the math classroom 77
Swati Dave
6. Adapting Vedic Mathematics in modern technology and learning analytics: enhancing creativity and efficiency in Math 99
Lokesh Tayal

Historical

7. Contribution of Indian Mathematics to the world 107
Daya Tiwari
8. Multiplication techniques: Ancient Indian methods vis-à-vis Vedic Maths methods of Tirthaji 117
Arvind Prasad