1. Record Nr. UNINA9910986134703321

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Titolo	Exploring the Beauty of Fascinating Numbers / / by Shyam Sunder Gupta
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2025
ISBN	9789819724659 9819724651
Edizione	[1st ed. 2025.]
Descrizione fisica	1 online resource (578 pages)
Collana	Popular Science, , 2626-6121
Disciplina	512.7
Soggetti	Mathematics Number theory Mathematics in Popular Science Number Theory Matemàtica Teoria de nombres Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Chapter 1. Digital Root Wonders -- Chapter 2. Elegance of Squares, Cubes, and Higher Powers -- Chapter 3. Triangular Numbers -- Chapter 4. Smith Numbers -- Chapter 5. Amicable Numbers -- Chapter 6. Perfect, Multiply Perfect, and Sociable Numbers -- Chapter 7. Happy Numbers -- Chapter 8. Fabulous Fibonacci Numbers, Lucas Numbers, and Golden Ratio -- Chapter 9. On Some Marvellous Numbers of Kaprekar -- Chapter 10. Amazing Number 108 -- Chapter 11. Repunit Numbers -- Chapter 12. EqualProductofReversibleNumbers (EPRN) -- Chapter 13. Unlucky Thirteen -- Chapter 14. Rare Numbers -- Chapter 15. Beauty of Number 153 -- Chapter 16. Fascinating Factorials -- Chapter 17. The Number of the Beast 666 -- Chapter 18. Ulam Numbers -- Chapter 19. Mystery of -- Chapter 20. Cab and Vampire Numbers -- Chapter 21. Digital Invariants and Narcissistic Numbers.-Chapter 22. On some special Numbers.-Chapter 23. Number Curiosities.
Sommario/riassunto	This book is a great treasure for everyone who enjoys the beauty of the

fascinating world of recreational mathematics. It focuses on recreational aspects of numbers to create interest and motivate readers to learn to be creative in improving their problem-solving techniques. The book would help ignite interest in numbers, which will benefit teachers trying to teach math, especially to students who don’t like math, by supplementing their regular curriculum with the module containing material from the book, which provides an opportunity for fun and joy while developing mathematical skills. The ideas for further exploration given in the book offer food for thought to delve into the world of research and fun, in addition to testing computational skills. The book communicates the excitement and fascination of numbers to the students in schools and colleges. The theory behind the subject matter has been kept to a minimum to retain the recreational nature of the book. The book has a delightful coverage of numerical curiosities, coincidences and wonders, revealing many new eye-opening properties of numbers. Organized into 23 chapters, the book contains a large variety of topics: digital root wonders, the elegance of squares, triangular numbers, Smith numbers, amicable numbers, perfect, multiple perfect and sociable numbers, happy numbers, Fibonacci numbers, Lucas numbers, and the Golden ratio, Kaprekar numbers, self-numbers, repunit numbers, equal product of reversible numbers (EPRNs), rare numbers, fascinating factorials, Ulam numbers, mystery of , cab and vampire numbers, digital invariants and narcissistic numbers, special numbers like autobiographical numbers, Harshad numbers, parasite numbers, polydivisible numbers, Ramanujan numbers, number curiosities such as lucky mistakes, Pascal’s triangle and Pythagorean triplets. Pythagoras attributed mystical qualities to some of the numbers. Even the religious properties of numbers were extensively studied. So, four chapters are exclusively devoted to such numbers, namely, the amazing number 108, the unlucky 13, the beauty of 153, and the number of the beast, with lots of new curiosities and miraculous coincidences. .