



The Mathematical Expanse: Excursions Into the Enduring Questions

By Dr Jason Vanbilliard

Createspace, United States, 2014. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Transforms your perspective of mathematics! Extend your understanding of geometric topics by investigating dimensions, fractals, topological equivalence, and other geometries. Develop your reasoning skills through identifying deception in statistics, discriminating between cause and correlation, evaluating various voting methods, and exploring chaos theory. Refine your understanding of numbers and systems through studying prime, figurate, vampire, narcissistic, powerful, abundant, and transcendental numbers. [**Note: there are two versions of this book. Read below for more details.] After studying each mathematical topic, we will consider how the topic informs our answers to questions like: Who are we? What is the nature of reality? How do we know if something is true? What is good? What is beautiful? These questions and their related sub-questions have been part of the human experience from the dawn of human history. Considering how mathematics helps to inform these questions provides for a deeper, more meaningful understanding of mathematics. This book is ideal for: - Anyone interested in extending his or her own understanding of the scope and depth of mathematics - An undergraduate Mathematics for Liberal Arts...

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