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Autore	Polya George <1887-1985, >
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Nota di contenuto	1. From the history of astronomy: measurement and successive approximation. -- Measurement ; Astronomical measurements ; Successive approximation ; Newton's method of successive approximation -- 2. From the history of statics. -- Stevinus and Archimedes ; Vectors -- 3. From the history of dynamics. -- Galileo ; Newton ; The pendulum ; Escape velocity -- 4. Physical reasoning in mathematics. -- 5. Differential equations and their use in science. -- First examples ; Approximate formulae: power series ; Physical analogy ; What is a differential equation?
Sommario/riassunto	If you have ever wondered how the laws of nature were worked out mathematically, this is the book for you. Above all, it captures some of Polya's excitement and vision.