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Altri autori (Persone)	MaimonOded
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Soggetti	Artificial intelligence Machine learning Mathematics Social sciences - Data processing Artificial Intelligence Machine Learning Computer Application in Social and Behavioral Sciences
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Nota di contenuto	Introduction -- Philosophical and Mathematical Background -- Axioms of Soft Logic -- Soft Numbers -- The Soft Coordinate System -- Soft Logic and Calculus -- Soft Curves -- The Dynamics of Soft Logic -- Soft Analysis -- Limits of Soft Numbers -- The Soft Möbius Function and the Riemann Hypothesis -- Soft Probability and Entropy -- Soft Logic and the Privacy Paradox -- Application Examples and Further Research.
Sommario/riassunto	This book presents a groundbreaking new mathematical paradigm and system (including inventing a new number) that enables a new approach to advancing the foundations of science and technology. The new approach allows connecting subjective and objective points of view that do not rely solely on the classical deductive approach. There is no need to fear paradoxical situations, because it's precisely in them wherein lies the key to a new understanding that is more connected to life itself. This new model also serves to advance the theory of consciousness. Life is more colorful and diverse than just the binary colors of black and white. For this purpose, the authors propose a new type of number called Soft Number. The basic idea is to distinguish

between the different multiples of the number zero. Soft Logic is a continuous extension of the idea of giving different meanings to the zero. The authors create a tangible model of an infinitely small world. This seemingly inconceivable world is important for understanding the essence of the connection between the external world of reality and the inner world of human beings and offers a new language to express it. This book systematically and axiomatically describes the mathematical development of Soft Logic and Soft Numbers and points to possible directions for scientific and technological applications. This book is a valuable resource for researchers working in mathematics, physics, biology, engineering, computer science and artificial intelligence as well as advanced-level students majoring in computer science, engineering and mathematics. Practitioners, Data Scientists, AI developers and readers interested in a scientific understanding of the concept of consciousness will also want to purchase this book.
