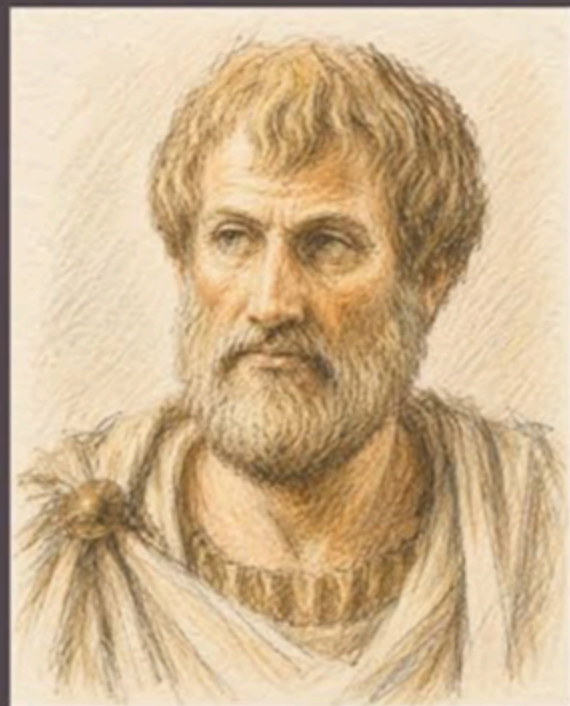


Reason in the Labyrinth

*Logic, Puzzles, Paradoxes,
and Self-Reference*



Eduardo Piza

Thinking seems easy—until a paradox blocks the way, a fallacy seduces us with perfect manners, or a puzzle reveals that we never really understood the question.

Reason in the Labyrinth invites readers to discover logic as an intellectual adventure, from the earliest traditions of rational thought in ancient China, India, Persia, and the Americas to Aristotle, medieval scholasticism, Leibniz, Boole, Frege, Russell, Gödel, and Turing. Along the way, history comes together with practical tools for analyzing arguments, recognizing fallacies, working with syllogisms and truth tables, and understanding the basic methods of proof.

But the real fun begins where rigor turns into play: prisoners in hats, deadly pills, detectives, weighing puzzles, mysterious doors, characters from Alice in Wonderland, knights and knaves, zombies, vampires, self-referential paradoxes, and Gödelian islands. Each problem may look like a game, but each one sharpens the mind and teaches us to think with greater precision.

With clarity, humor, and a genuine sense of wonder, Eduardo Piza offers a lively gateway into logic—a discipline in which clarity can also be beautiful, and where even the strangest labyrinth may conceal a thread leading the way.



Eduardo Piza is a Costa Rican mathematician, chess player, and writer. After nearly four decades of teaching and research at the University of Costa Rica, he now devotes much of his time to writing, bringing together reason, imagination, and a lasting sense of wonder.



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Description of the book

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