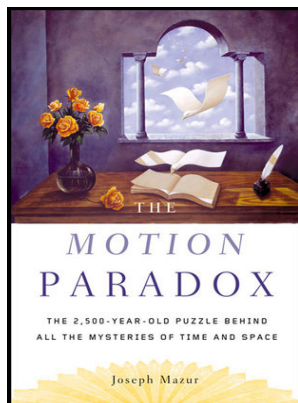# Euclid in the rainforest - discovering universal truth in logic and math

Pi Press - Euclid in the Rainforest: Discovering Universal Truth in Logic and Math by Joseph Mazur

Description: -
-
Mathematics -- Philosophy.
Logic, Symbolic and mathematical.Euclid in the rainforest -
discovering universal truth in logic and math
-Euclid in the rainforest - discovering universal truth in logic and math
Notes: Includes bibliographical references (p. [307]-315) and index.
This edition was published in 2005

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Euclid in the Rainforest: Discovering Universal Truth in Logic and Math by Joseph Mazur

Deeper questions at the heart of the process of discovery are laid bare: What does it mean to believe a proof? Not how to operate, but how to understand the big philosophy questions in Maths. We might accept the statement that points of the circle are equidistant from its center as part of the definition of a circle. Please note that other Pearson websites and online products and services have their own separate privacy policies.

Euclid in the Rainforest: Discovering... book by Joseph Mazur

By that I mean that if they are presented in the appropriate non-technical language and with simple examples, then almost anyone can understand them. These are the essential forms of human reasoning and logic, what we humans consider proof that something is true: ordinary logic, which is concerned with proof and classification; the logic of infinity, which is concerned with infinity and number; and plausible reasoning, which is concerned with probability and nature—even rainforests.

Review and comments page: 'Euclid in the Rainforest', by Joseph Mazur

This guide tries to introduce you into Mathematics, with a capital M. Through adventure stories and historical narratives populated with. While in Egypt, he met with a priest who took him to see the pyramids at an inspiring moment when the sun cast a sharp shadow along the golden desert floor.

Euclid in the Rainforest: Discovering Universal Truth in Logic and Math by Joseph Mazur

Its title summoned me—something containing the name Euclid. After about two hundred and fifty miles, we came to a washed-out mountain switchback.

Euclid in the Rainforest: Discovering Universal Truth in Logic and Math by Joseph Mazur

In this wonderful field of yellow and blueflowers, that unusual red-and-black one was the only one swarmed with bees. However, when we intellectually reflect on logic and proof, what they are and what they do, we tend to agree that, formally, a proof consists of a finite collection of well-formed statements linking back, by rules of inference, to elementary assumptions.

Euclid in the Rainforest: Discovering... book by Joseph Mazur

It would be almost two millennia, however, before a good understanding of the logic infinity emerged and made all kinds of technology possible. Theplane came to an abrupt stop, listing to the left while torrential raincontinued to pour over the windows; I could see nothing outside.

EUCLID IN THE RAINFOREST BY JOSEPH MAZUR PDF

Half 'math for non-math people' book, half travelogue? The truck weighed two tons, and the winch cable capacity was only one ton.

Euclid in the Rainforest : Discovering Universal Truth in Logic and Math by Joseph Mazur (2004, Hardcover) for sale online

Published in Journal of Recreational Mathematics, reprinted with permission I purchased this book a couple of weeks ago and can hardly put it down. What are those established statements? The convoy would go no further than Cabruta,for there was no bridge to cross the river, but we accepted the ride, thinkingthat at least we would get to the Orinoco, even if it were a thousand milesdownstream from La Esmeralda.

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