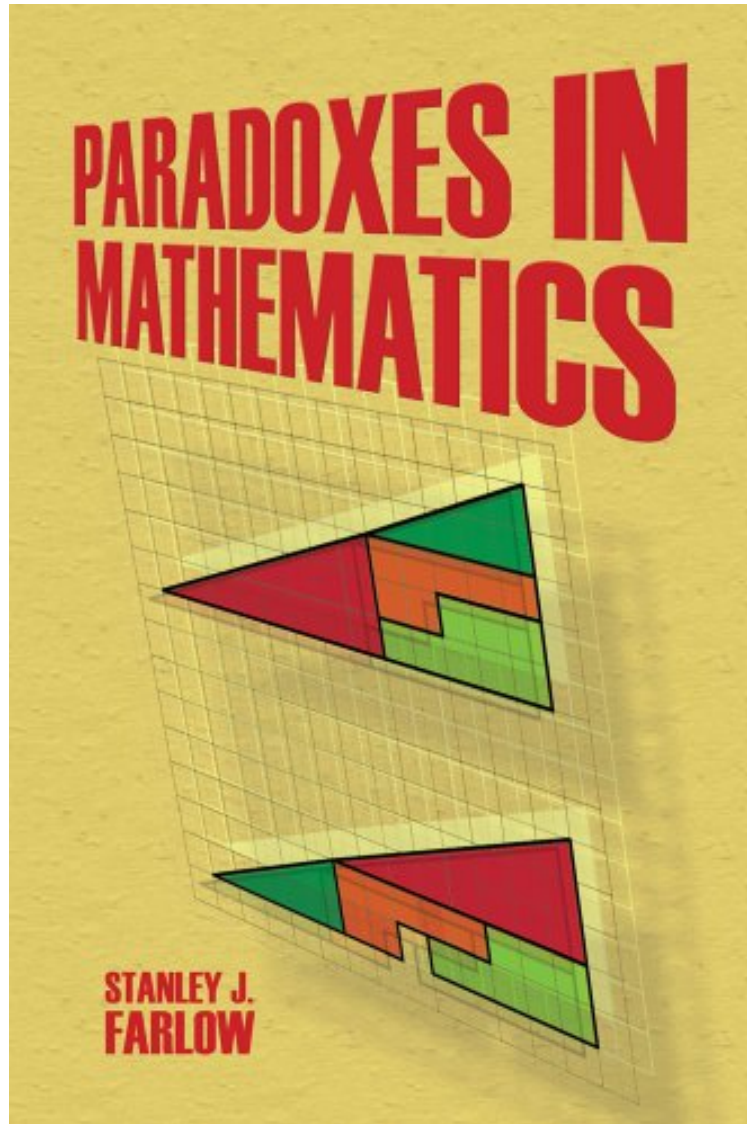


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Paradoxes in Mathematics (Dover Books on Mathematics)

Stanley J. Farlow

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#1073392 in Books Stanley J Farlow 2014-04-16 2014-03-19Original language:EnglishPDF # 1 8.90 x .50 x 5.90l, .0 #File Name: 048649716X192 pagesParadoxes in Mathematics | File size: 29.Mb

Stanley J. Farlow : Paradoxes in Mathematics (Dover Books on Mathematics) before purchasing it in order to gage whether or not it would be worth my time, and all praised Paradoxes in Mathematics (Dover Books on Mathematics):

2 of 2 people found the following review helpful. Very nice collection of paradoxesBy DNI had read most of these paradoxes when I was in high school, but it is nice to have them easily accessible in one volume, and it is enjoyable to read the one paradox I had heard but not really understood in details: The Parrondo's Paradox.1 of 1 people found the following review helpful. From the opening pages, the discussion is surprisingly original ...By John PoetFrom the

opening pages, the discussion is surprisingly original and thorough --- presents and clarifies issues not well explained in college courses. 5 of 5 people found the following review helpful. simplify, simplify, simplify By Roger Bagula My second math book on paradoxes. This one is a little simplified, but that is not a bad thing when you are trying to understand things that don't always seem to make logical sense. Dr. Grim got me interested in mathematical paradoxes and their philosophical implications and it appears not many mathematicians are aware these problems exist! I liked the style and content and only wish there was more of it!

There's more than one way to define a paradox, and this intriguing book offers examples of every kind. Stanley J. Farlow, a prominent educator and author, presents a captivating mix of mathematical paradoxes: the kind with surprising, nonintuitive outcomes; the variety that rely on mathematical sleight-of-hand to impress the unwary observer; and the baffling type with a solution that passes all understanding. Students and puzzle enthusiasts will find plenty of thought-provoking enjoyment mixed with a bit of painless mathematical instruction among these twenty-eight conundrums. Some of them involve counting, some deal with infinity, and others draw on principles of geometry and arithmetic. None requires an extensive background in higher mathematics. Challenges include The Curve That Shook the World, a variation on the famous Monty Hall Problem, Space Travel in a Wineglass, Through Cantor's Looking Glass, and other fun-to-ponder paradoxes.

About the Author A Professor of Mathematics at the University of Maine, Stanley J. Farlow is the author of numerous math texts for college students. His Dover titles include Partial Differential Equations for Scientists and Engineers and An Introduction to Differential Equations and Their Applications.