Book Review: Problem-Solving and Selected Topics in Euclidean Geometry: In the Spirit of the Mathematical Olympiads.

Foreword by Michael H. Freedman Authors: Sotirios E. Louridas and Michael Th. Rassias Publisher: Springer, New York, 2013, x+235 pages. ISBN 978-1-4614-7272-8.

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There are many excellent books on plane Euclidean geometry, exploring the subject at various levels. The book under review, which is foreworded by Michael H. Freedman (Fields Medal, 1986), adds yet another facet to this colorful subject. This delightful book presents a collection of problems in plane Euclidean geometry in the spirit of mathematical olympiads, along with their solutions. Additionally, it provides essential theory of plane Euclidean geometry, with proofs of some fundamental theorems. As such, this monograph is an excellent training manual to use in preparation for mathematical competitions and olympiads. Hence, this is a book that belongs in all academic libraries, from high school through graduate level.

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