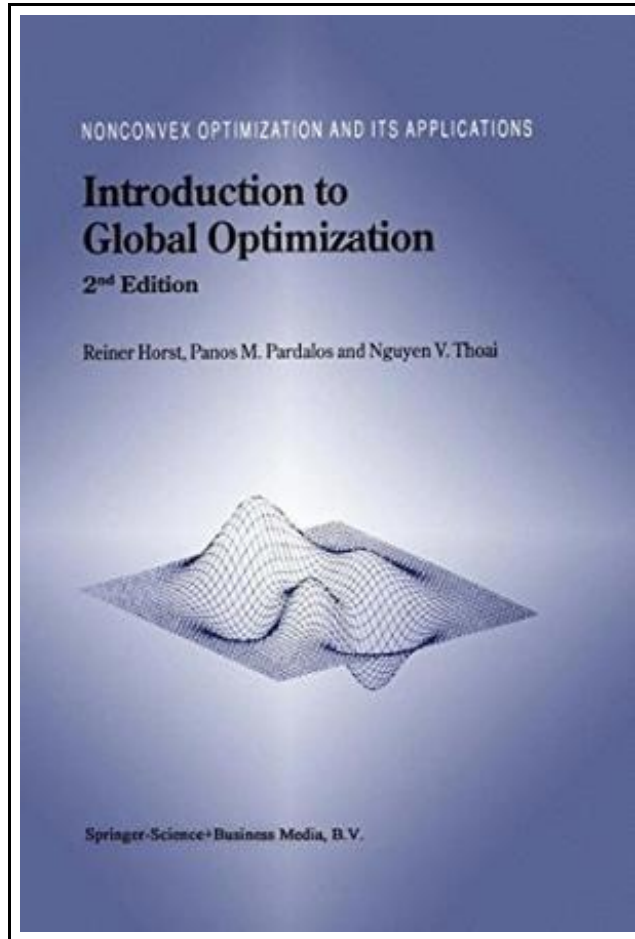


# Introduction to Global Optimization



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**Preface to the First Edition** Many recent advances in science, economics and engineering rely on numerical techniques for computing globally optimal solutions to corresponding optimization problems. Global optimization problems are extraordinarily diverse and they include economic modeling, fixed charges, finance, networks and transportation, databases and chip design, image processing, nuclear and mechanical design, chemical engineering design and control, molecular biology, and environmental engineering. Due to the existence of multiple local optima that differ from the global solution all these problems cannot be solved by classical nonlinear programming techniques. During the past three decades, however, many new theoretical, algorithmic, and computational contributions have helped to solve globally multi extreme problems arising from important practical applications. This item ships from multiple locations. Your book may arrive from Roseburg, OR, La Vergne, TN. Hardcover.



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