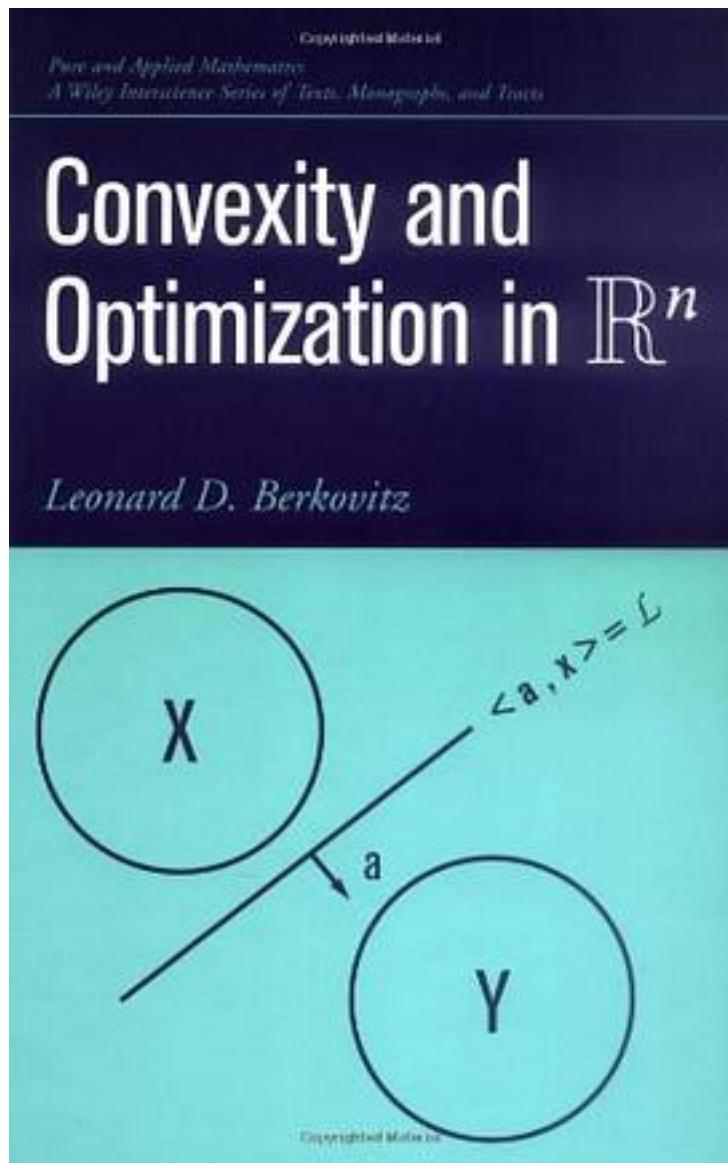


# Convexity and Optimization in R-n



[Convexity and Optimization in R-n 下载链接1](#)

著者:Berkovitz, Leonard D.

出版者:Wiley Publisher

出版时间:2001-12

装帧:Hard Cover

isbn:9780471352815

A comprehensive introduction to convexity and optimization in  $R^n$ . This book presents the mathematics of finite dimensional constrained optimization problems. It provides a basis for the further mathematical study of convexity, of more general optimization problems, and of numerical algorithms for the solution of finite dimensional optimization problems. For readers who do not have the requisite background in real analysis, the author provides a chapter covering this material. The text features abundant exercises and problems designed to lead the reader to a fundamental understanding of the material. Convexity and Optimization in  $R^n$  provides detailed discussion of: Requisite topics in real analysis Convex sets Convex functions Optimization problems Convex programming and duality The simplex method A detailed bibliography is included for further study and an index offers quick reference. Suitable as a text for both graduate and undergraduate students in mathematics and engineering, this accessible text is written from extensively class-tested notes.

作者介绍:

LEONARD D. BERKOVITZ, PhD, is Professor of Mathematics at Purdue University. He previously worked at the RAND Corporation and has served on the editorial boards of several journals, including terms as Managing Editor of the SIAM Journal on Control and as a member of the Editorial Committee of Mathematical Reviews.

目录:

[Convexity and Optimization in  \$R^n\$  下载链接1](#)

标签

数学

优化

R

Academic

评论

---

[Convexity and Optimization in R-n 下载链接1](#)

书评

---

[Convexity and Optimization in R-n 下载链接1](#)