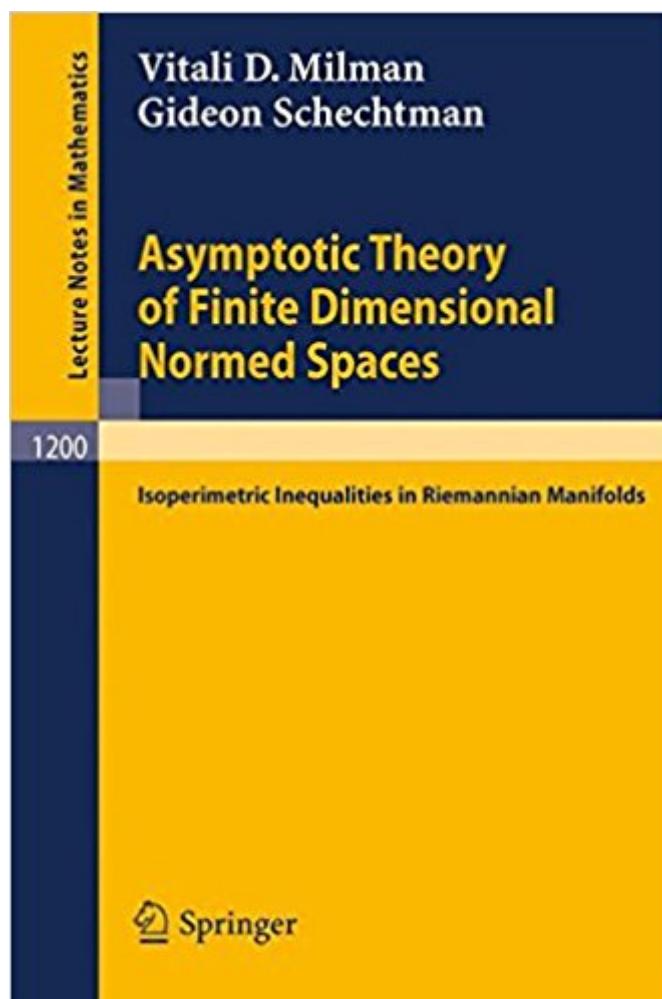


The book was found

# Asymptotic Theory Of Finite Dimensional Normed Spaces: Isoperimetric Inequalities In Riemannian Manifolds (Lecture Notes In Mathematics)



## Synopsis

This book deals with the geometrical structure of finite dimensional normed spaces, as the dimension grows to infinity. This is a part of what came to be known as the Local Theory of Banach Spaces (this name was derived from the fact that in its first stages, this theory dealt mainly with relating the structure of infinite dimensional Banach spaces to the structure of their lattice of finite dimensional subspaces). Our purpose in this book is to introduce the reader to some of the results, problems, and mainly methods developed in the Local Theory, in the last few years. This by no means is a complete survey of this wide area. Some of the main topics we do not discuss here are mentioned in the Notes and Remarks section. Several books appeared recently or are going to appear shortly, which cover much of the material not covered in this book. Among these are Pisier's [Pis6] where factorization theorems related to Grothendieck's theorem are extensively discussed, and Tomczak-Jaegermann's [T-JI] where operator ideals and distances between finite dimensional normed spaces are studied in detail. Another related book is Pietch's [Pie].

## Book Information

Series: Lecture Notes in Mathematics (Book 1200)

Paperback: 160 pages

Publisher: Springer (February 22, 2009)

Language: English

ISBN-10: 3540167692

ISBN-13: 978-3540167693

Product Dimensions: 6.1 x 0.4 x 9.2 inches

Shipping Weight: 7.2 ounces (View shipping rates and policies)

Average Customer Review: 5.0 out of 5 stars See all reviews (1 customer review)

Best Sellers Rank: #3,042,262 in Books (See Top 100 in Books) #96 in Books > Science & Math > Mathematics > Transformations #369 in Books > Science & Math > Mathematics > Geometry & Topology > Analytic Geometry #1712 in Books > Textbooks > Science & Mathematics > Mathematics > Geometry

## Customer Reviews

I would suggest that anyone interested in "asymptotic geometry" start with this short book, which is written with love by two of the people who created the field (the results of which are not only interesting in and of themselves, but are used in many other areas). Yes, the price is outrageous (for a mimeographed paperback), but that's why God created libraries.

[Download to continue reading...](#)

Asymptotic Theory of Finite Dimensional Normed Spaces: Isoperimetric Inequalities in Riemannian Manifolds (Lecture Notes in Mathematics) An Introduction to Differentiable Manifolds and Riemannian Geometry, Revised, Volume 120, Second Edition (Pure and Applied Mathematics) Riemannian Manifolds: An Introduction to Curvature (Graduate Texts in Mathematics) Finite Dimensional Vector Spaces Mathematical Control Theory: Deterministic Finite Dimensional Systems (Texts in Applied Mathematics) Classical Banach Spaces (Lecture Notes in Mathematics) Normal Approximation and Asymptotic Expansions (Classics in Applied Mathematics) A Survey of Matrix Theory and Matrix Inequalities (Dover Books on Mathematics) Geometric Control Theory and Sub-Riemannian Geometry (Springer INdAM Series) The Infinite-Dimensional Topology of Function Spaces, Volume 64 (North-Holland Mathematical Library) How to Gamble If You Must: Inequalities for Stochastic Processes (Dover Books on Mathematics) Analytic Inequalities (Dover Books on Mathematics) Biological Wastewater Treatment, Second Edition, Revised and Expanded (Lecture Notes in Pure and Applied Mathematics) Tutorials in Mathematical Biosciences IV: Evolution and Ecology (Lecture Notes in Mathematics) Geometrie et theorie des groupes: Les groupes hyperboliques de Gromov (Lecture Notes in Mathematics) (French Edition) Stability Estimates for Hybrid Coupled Domain Decomposition Methods (Lecture Notes in Mathematics) An Introduction to Analysis on Wiener Space (Lecture Notes in Mathematics) The Finite Element Method: Linear Static and Dynamic Finite Element Analysis (Dover Civil and Mechanical Engineering) Electrodynamics: The Field-Free Approach: Electrostatics, Magnetism, Induction, Relativity and Field Theory (Undergraduate Lecture Notes in Physics) Essays on Item Response Theory (Lecture Notes in Statistics)

[Dmca](#)