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Titolo	Isoperimetric Inequalities in Unbounded Convex Bodies
Pubbl/distr/stampa	Providence : , : American Mathematical Society, , 2022 ©2022
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Edizione	[1st ed.]
Descrizione fisica	1 online resource (100 pages)
Collana	Memoirs of the American Mathematical Society ; ; v.276
Classificazione	49Q1052A40
Altri autori (Persone)	RitoreManuel VernadakisEfstratios
Disciplina	516/08 516.08
Soggetti	Convex bodies Boundary value problems Isoperimetric inequalities Calculus of variations and optimal control; optimization -- Manifolds -- Optimization of shapes other than minimal surfaces Convex and discrete geometry -- General convexity -- Inequalities and extremum problems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Cover -- Title page -- List of symbols -- Chapter 1. Introduction -- 1.1. Historical background -- 1.2. Outline of contents -- Chapter 2. Convex bodies and finite perimeter sets -- 2.1. Convex bodies and local convergence in Hausdorff distance -- 2.2. Finite perimeter sets and isoperimetric profile -- Chapter 3. Unbounded convex bodies of uniform geometry -- 3.1. Asymptotic cylinders -- 3.2. Convex bodies of uniform geometry -- 3.3. Density estimates and a concentration lemma -- 3.4. Examples -- Chapter 4. A generalized existence result -- 4.1. Preliminary results -- 4.2. The main result -- Chapter 5. Concavity of the isoperimetric profile -- 5.1. Continuity of the isoperimetric profile -- 5.2. Approximation by smooth sets -- 5.3. Concavity of the isoperimetric profile -- Chapter 6. Sharp isoperimetric inequalities and isoperimetric rigidity -- 6.1. Convex bodies with non- degenerate asymptotic cone -- 6.2. The isoperimetric profile for small

volumes -- 6.3. Isoperimetric rigidity -- Chapter 7. Asymptotic behavior of the isoperimetric profile of an unbounded convex body -- 7.1. An asymptotic isoperimetric inequality -- 7.2. Estimates on the volume growth of balls -- 7.3. Examples -- Bibliography -- Back Cover.

Sommario/riassunto

"We consider the problem of minimizing the relative perimeter under a volume constraint in an unbounded convex body $C \subset \mathbb{R}^n$, without assuming any further regularity on the boundary of C . Motivated by an example of an unbounded convex body with null isoperimetric profile, we introduce the concept of unbounded convex body with uniform geometry. We then provide a handy characterization of the uniform geometry property and, by exploiting the notion of asymptotic cylinder of C , we prove existence of isoperimetric regions in a generalized sense. By an approximation argument we show the strict concavity of the isoperimetric profile and, consequently, the connectedness of generalized isoperimetric regions. We also focus on the cases of small as well as of large volumes; in particular we show existence of isoperimetric regions with sufficiently large volumes, for special classes of unbounded convex bodies. We finally address some questions about isoperimetric rigidity and analyze the asymptotic behavior of the isoperimetric profile in connection with the notion of isoperimetric dimension"--

2. Record Nr.	UNINA9910955434103321
Titolo	Homosexuality and the law // guest editor, Donald C. Knutson
Pubbl/distr/stampa	New York : , : Routledge, , 2013
ISBN	1-317-94058-X 1-315-85973-4 1-317-94059-8
Edizione	[1st ed.]
Descrizione fisica	1 online resource (298 p.)
Collana	Research on Homosexuality, , 0091-8369 ; ; Volume 1
Altri autori (Persone)	KnutsonDonald C
Disciplina	342/.73/085
Soggetti	Homosexuality - Law and legislation - United States
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"A special double issue of the Journal of homosexuality (Fall 1979-Winter 1980), Volume 5, Nos. 1 and 2." First published 1980 by the Haworth Press.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover; Half Title; Title; Copyright; Dedication; Contents; FOREWORD; INTRODUCTION; THE LEGAL ARENA: PROGRESS FOR GAY CIVIL RIGHTS; PERCEPTIONS OF HOMOSEXUALITY BY JUSTICES OF THE PEACE IN COLONIAL VIRGINIA; HOMOSEXUAL ACTS AND THE CONSTITUTIONAL RIGHT TO PRIVACY; EMPLOYMENT DISCRIMINATION LAW AND THE RIGHTS OF GAY PERSONS; THE IMMIGRATION AND NATIONALITY ACT AND THE RIGHTS OF HOMOSEXUAL ALIENS; SOCIAL ATTITUDES, LEGAL STANDARDS AND PERSONAL TRAUMA IN CHILD CUSTODY CASES; PUBLIC MANIFESTATIONS OF PERSONAL MORALITY: LIMITATIONS ON THE USE OF SOLICITATION STATUTES TO CONTROL HOMOSEXUAL CRUISING THE HOMOSEXUAL PERSON IN THE MILITARY AND IN NATIONAL SECURITY EMPLOYMENTTHE EMERGENCE OF ASSOCIATIONAL RIGHTS FOR HOMOSEXUAL PERSONS; INDEX; TABLE OF CASES
Sommario/riassunto	A fascinating exploration of how the law--as viewed and decided by the courts--often embodies fear and prejudice against homosexuality, and thereby, becomes the instrument for discrimination. This valuable book covers a wide range of subjects, illustrating the extent to which the lives of gay persons are touched by these laws and providing a highly critical examination of the response by the American judicial

system to our claims for equal protection under the law. Leading law professors and practicing lawyers address the important legal issues and court decisions relevant to male and female h
