



On Relative Geometric Inequalities

By Cerdan Sala, Ana

Book Condition: New. Publisher/Verlag: LAP Lambert Academic Publishing | Comparing relative geometric measures | Throughout history, many mathematicians have studied and proved numerous geometric inequalities. The first example was the classical isoperimetric inequality in the plane. Later, many variants of this inequality and generalizations to higher dimensions were obtained. Corresponding to them, several relative isoperimetric inequalities appeared. In these inequalities, the area (volume) of a set E was compared with the relative perimeter (the measure of part of the boundary of E , in particular the part of the boundary which is contained in other open set G). The aim of this book is to present a precise study of relative geometric inequalities, in which we compare not only the relative volume and the relative perimeter, but also other relative geometric magnitudes. We shall look for the infimum and the supremum of the considered ratios, and for the sets which attain these bounds (maximizers and minimizers). We shall also obtain relative geometric inequalities for centrally symmetric compact, convex surfaces using the intrinsic distance. Finally, several applications of these inequalities, to other fields of mathematics and to real life problems, are described. | Format: Paperback | Language/Sprache: english | 96 pp.



READ ONLINE
[5.69 MB]

Reviews

This composed publication is fantastic. I was able to comprehend everything using this composed e book. It is extremely difficult to leave it before concluding, once you begin to read the book.

-- Miss Ova Kuhn IV

The book is great and fantastic. It is rally exciting throgh reading time period. I am pleased to let you know that this is basically the greatest ebook i actually have go through inside my very own life and may be he best book for possibly.

-- Mr. Hyman Ankunding DDS

Relevant PDFs



Violet Rose and the Surprise Party

Book Condition: New. Publisher/Verlag: Nosy Crow | With activities, 3D press-out models and over 175 stickers! Plus free games and printables online! | When busy rabbit, Violet Rose, discovers that her friend Lily has a birthday coming up, she and her buddies...



Anna's Fight for Hope: The Great Depression 1931 (Sisters in Time Series 20)

Barbour Publishing, Inc., 2004. Paperback. Book Condition: New. No Jacket. New paperback book copy of Anna's Fight for Hope: The Great Depression 1931 (Sisters in Time Series 20). Publisher recommended for ages 8 to 12 years, Grades 4-8. Uhrichsville OH: Barbour Publishing...



Primary language of primary school level evaluation: primary language happy reading (grade 6)(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date :2012-07-01 Pages: 92 Publisher: Tibet People's Publishing House basic information about the title: the primary school level evaluation...



Would It Kill You to Stop Doing That?

Book Condition: New. Publisher/Verlag: Little, Brown Book Group | A Modern Guide to Manners | A laugh-out-loud guide to modern manners by acclaimed humorist, author, and Vanity Fair columnist Henry Alford. | A few years ago, humorist and journalist Henry Alford found...



31 Moralistic Motivational Bedtime Short Stories for Kids: 1 Story Daily on Bedtime for 30 Days Which Are Full of Morals, Motivations Inspirations (Paperback)

Createspace, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book ***** Print on Demand *****.Reading to children is a wonderful activity and past time that both parents and teachers enjoy. Seeing their rapt, excited...



THE Key to My Children Series: Evan s Eyebrows Say Yes (Paperback)

AUTHORHOUSE, United States, 2006. Paperback. Book Condition: New. 274 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****.THE KEY TO MY CHILDREN SERIES: EVAN S EYEBROWS SAY YES is about a three year old little boy who...