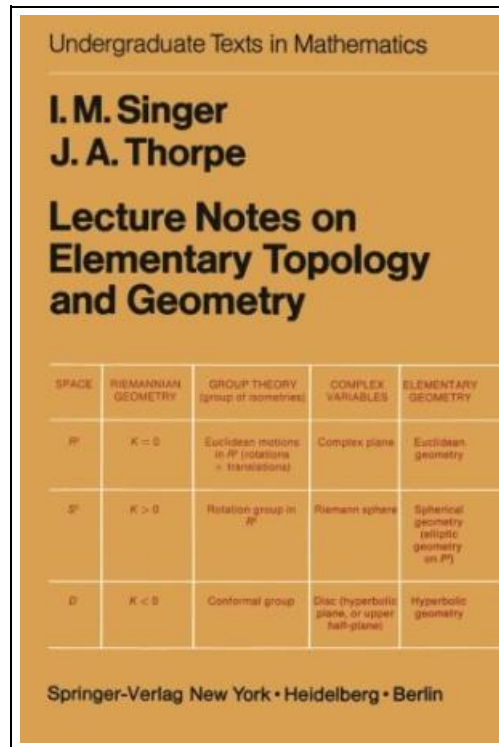


Lecture Notes on Elementary Topology and Geometry (Paperback)



Filesize: 3.9 MB

Reviews

This book is definitely worth acquiring. Yes, it is enjoy, still an amazing and interesting literature. Its been written in an remarkably basic way and is particularly simply soon after i finished reading through this pdf where actually changed me, affect the way in my opinion.
(Murray Marquardt)

LECTURE NOTES ON ELEMENTARY TOPOLOGY AND GEOMETRY (PAPERBACK)



Springer-Verlag New York Inc., United States, 2012. Paperback. Condition: New. Language: English . Brand New Book ***** Print on Demand *****.At the present time, the average undergraduate mathematics major finds mathematics heavily compartmentalized. After the calculus, he takes a course in analysis and a course in algebra. Depending upon his interests (or those of his department), he takes courses in special topics. If he is exposed to topology, it is usually straightforward point set topology; if he is exposed to geometry, it is usually classical differential geometry. The exciting revelations that there is some unity in mathematics, that fields overlap, that techniques of one field have applications in another, are denied the undergraduate. He must wait until he is well into graduate work to see interconnections, presumably because earlier he doesn't know enough. These notes are an attempt to break up this compartmentalization, at least in topology-geometry. What the student has learned in algebra and advanced calculus are used to prove some fairly deep results relating geometry, topology, and group theory. (De Rham's theorem, the Gauss-Bonnet theorem for surfaces, the functorial relation of fundamental group to covering space, and surfaces of constant curvature as homogeneous spaces are the most noteworthy examples.) In the first two chapters the bare essentials of elementary point set topology are set forth with some hint of the subject's application to functional analysis. Softcover reprint of the original 1st ed. 1967.



[Read Lecture Notes on Elementary Topology and Geometry \(Paperback\) Online](#)



[Download PDF Lecture Notes on Elementary Topology and Geometry \(Paperback\)](#)

Relevant eBooks



I m Thankful For.: A Book about Being Grateful!

Createspace, United States, 2015. Paperback. Book Condition: New. 279 x 216 mm. Language: English . Brand New Book ***** Print on Demand *****.What are you grateful for?Are you looking for a children s book that...

[Read Document »](#)



Games with Books : 28 of the Best Childrens Books and How to Use Them to Help Your Child Learn - From Preschool to Third Grade

Book Condition: Brand New. Book Condition: Brand New.

[Read Document »](#)



The Frog Tells Her Side of the Story: Hey God, I m Having an Awful Vacation in Egypt Thanks to Moses! (Hardback)

Broadman Holman Publishers, United States, 2013. Hardback. Book Condition: New. Cory Jones (illustrator). 231 x 178 mm. Language: English . Brand New Book. Oh sure, we ll all heard the story of Moses and the...

[Read Document »](#)



With Chatwin: Portrait of a Writer

Knopf. Hardcover. Book Condition: New. 0679410333 Never Read-12+ year old Hardcover book with dust jacket-may have light shelf or handling wear-has a price sticker or price written inside front or back cover-publishers mark-Good Copy- I...

[Read Document »](#)



Read Write Inc. Phonics: Blue Set 6 Storybook 4 King of the Birds

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. Tim Archbold (illustrator). 208 x 148 mm. Language: N/A. Brand New Book. These engaging Storybooks provide structured practice for children learning to read the Read...

[Read Document »](#)