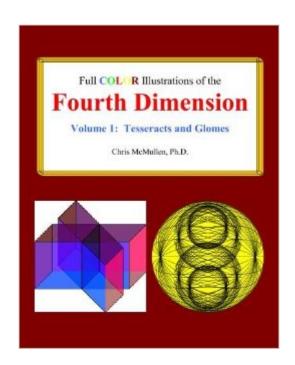
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Full Color Illustrations Of The Fourth Dimension, Volume 1: Tesseracts And Glomes





Synopsis

These full-color illustrations on 8"x10" pages are at once aesthetically captivating and instructive. Each page consists of colorful images of tesseracts (4D hypercubes) or glomes (4D hyperspheres) with a paragraph caption describing the figures at the bottom. Color is used effectively to show how to visualize the features of tesseracts and glomes, how to draw tesseracts in perspective, how a tesseract unfolds, how the features of tesseracts and glomes change as they rotate, how to find the intersection of a tesseract or glome with a hyperplane, how hyperspherical coordinates are defined, how to understand hypercompass directions, and how to draw longitudes, hyperlatitudes, and latitudes. Rectangular hyperboxes and a hyperellipsoid are also shown. Subsequent volumes of this series will build upon these fundamental 4D objects to help you imagine features of a 4D world such as a hyperchair, a hypercross, a hyperpyramid, a hyperhouse, crystal structures, and simple hypermachines.

Book Information

Paperback: 40 pages Publisher: CreateSpace Independent Publishing Platform (June 2, 2009) Language: English ISBN-10: 1442141638 ISBN-13: 978-1442141636 Product Dimensions: 8 x 0.1 x 10 inches Shipping Weight: 5 ounces (View shipping rates and policies) Average Customer Review: 4.3 out of 5 stars Â See all reviews (3 customer reviews) Best Sellers Rank: #731,068 in Books (See Top 100 in Books) #28 in Books > Science & Math > Mathematics > Geometry & Topology > Non-Euclidean Geometries #90 in Books > Science & Math > Mathematics > Geometry & Topology > Algebraic Geometry #6412 in Books > Arts & Photography > Drawing

Customer Reviews

Very nice illustrations. Still very hard to visualize the 4th dimension.

Not the best quality book or layout but the points a clear.

Excellent book!

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