



Geometric Design: An Artful Portfolio of Mathematical Graphics

By MR Christopher Alan Arthur

Christopher A. Arthur, United States, 2014. Paperback. Book Condition: New. 216 x 140 mm. Language: English . Brand New Book ****** Print on Demand *****. Aristotle would have said that a geometer considers the shapes of things in the natural world, not insofar as shapes are physical, but rather by abstracting the qualities of figure from the things themselves. In a philosophical sense this book by Mr. Arthur is thus one about geometry. The original illustrations go artistically beyond what a reader might expect to find in a textbook, and yet there is still a useful discussion revealing the important secrets of the creative process from a mathematical perspective. As an exploration of symmetry and smoothness, the work exhibits the precision of a draftsman unfettered by the practical constraints of real construction and engineering. Mr. Arthur develops a style of a visual art that is less dependent on the physical coordination of drawing with a pencil or a digital stylus and an art that is more of a purely intellectual nature. Clearly for the mathematical reader at a level of study somewhat exceeding vector calculus, the book presents new possibilities of exotic shapes (by their torsion or concavity) still having desirable...



Reviews

The book is simple in read safer to comprehend. It is writter in straightforward words and phrases instead of confusing. You wont truly feel monotony at anytime of your time (that's what catalogues are for concerning in the event you request me).

-- Brannon Koch

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