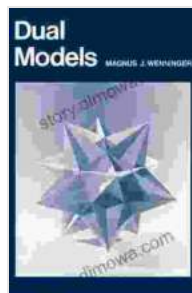


Unveiling the Masterpiece: 'Dual Models' by Magnus Wenninger - A Journey into Polyhedron Perfection

In the realm of mathematics, there exists a fascinating world of three-dimensional shapes known as polyhedra. These intricate structures, bounded by flat faces and straight edges, have captivated the minds of mathematicians, artists, and scientists for centuries.



Dual Models by Magnus J. Wenninger

★★★★☆ 4.3 out of 5

Language : English

File size : 29353 KB

Screen Reader : Supported

Print length : 172 pages



Among the many works that have explored the beauty and complexity of polyhedra, 'Dual Models' by Magnus Wenninger stands as a towering achievement. Published in 1983, this remarkable book is a testament to Wenninger's lifelong fascination with these geometric marvels.

A Visual Feast for the Mind

At the heart of 'Dual Models' lies a stunning collection of over 300 models, meticulously crafted by Wenninger himself. These models represent a vast array of polyhedra, from the familiar Platonic and Archimedean solids to lesser-known Kepler-Poinsot solids and stellations.

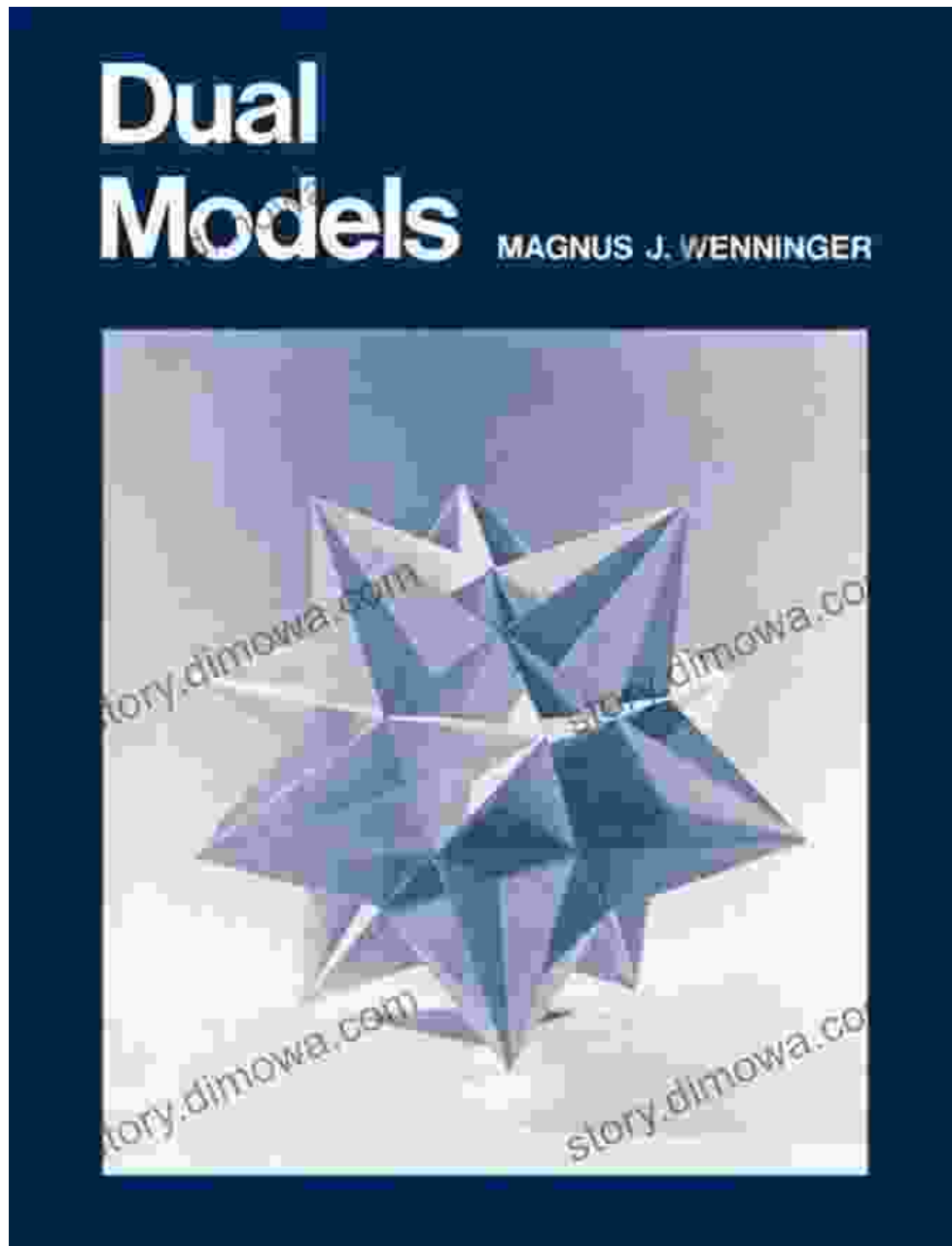


Photo 9. Pentakisdodecahedron (9).

Each model in the book is accompanied by a detailed description, providing insights into its geometric properties, construction methods, and historical significance. Wenninger's precise drawings and clear explanations make the complex world of polyhedra accessible to readers of all levels.

The Polyhedron Encyclopedia

Beyond its stunning visuals, 'Dual Models' also serves as an invaluable reference for polyhedron enthusiasts. Wenninger's exhaustive catalog includes over 2000 polyhedra, each with its unique set of properties.



A peek into the comprehensive polyhedron encyclopedia that 'Dual Models' offers.

The book's meticulous organization and extensive index allow readers to easily navigate the vast collection and find specific polyhedra or explore

related topics.

A Tapestry of Geometry, Art, and History

Wenninger's 'Dual Models' is not merely a collection of polyhedron models; it is a multi-faceted exploration of the interplay between geometry, art, and history.

Throughout the book, Wenninger draws connections between the mathematical properties of polyhedra and their artistic representations. He shows how polyhedra have inspired artists, architects, and designers throughout history.

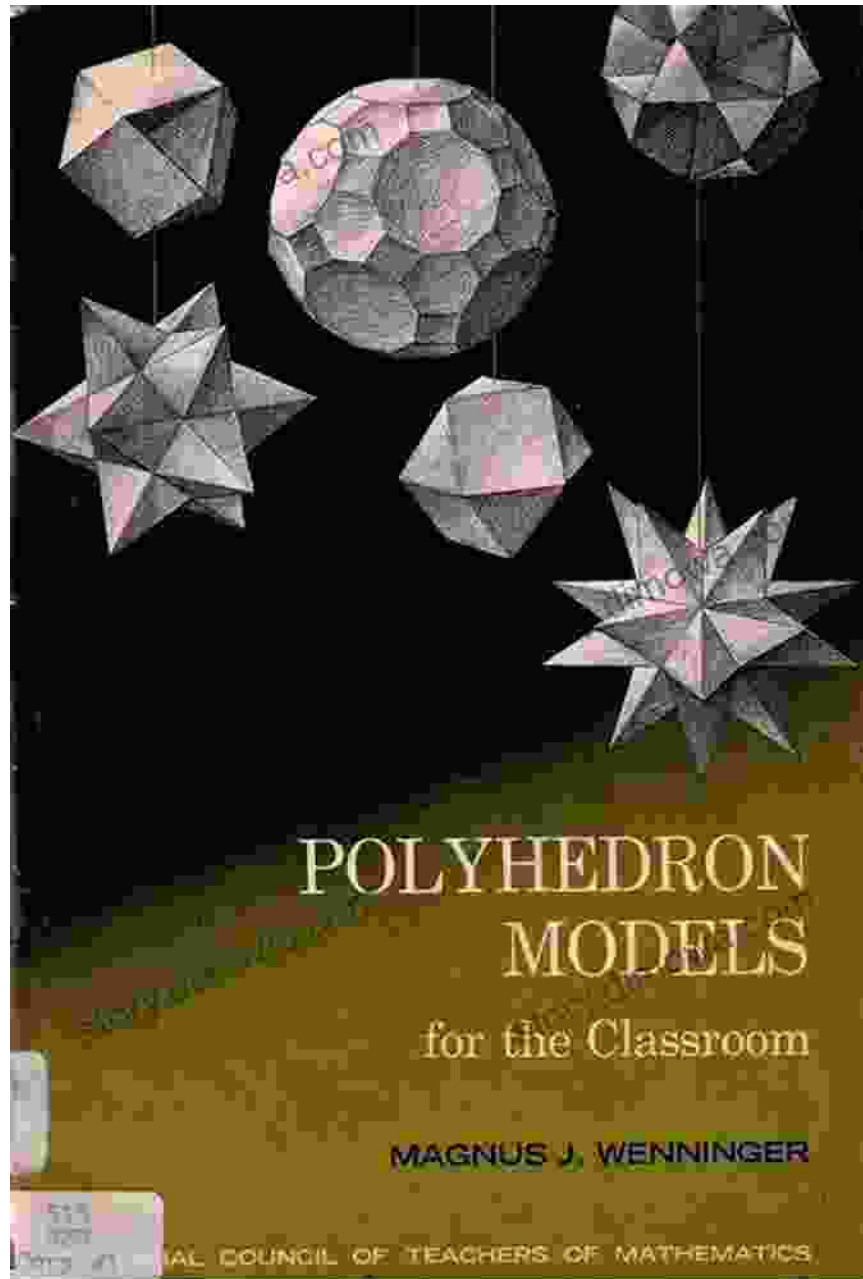


Wenninger's passion for polyhedra permeates every page of 'Dual Models.' His infectious enthusiasm and deep knowledge make this book a delight to read for anyone interested in the wonders of geometry and the beauty of three-dimensional forms.

A Legacy of Polyhedron Appreciation

'Dual Models' by Magnus Wenninger has become a classic in the field of polyhedron studies. Its impact has extended far beyond the initial publication, inspiring generations of mathematicians, artists, and educators.

The book has fostered a wider appreciation for polyhedra, sparking an interest in their mathematical properties, artistic potential, and historical significance.

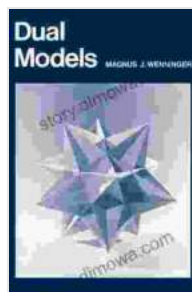


'Dual Models' has played a crucial role in educating and inspiring future generations of polyhedron enthusiasts.

Wenninger's legacy extends beyond his groundbreaking book. He was also a gifted sculptor and teacher, sharing his passion for polyhedra with students and the public alike.

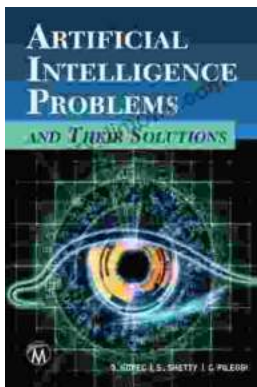
'Dual Models' by Magnus Wenninger is an extraordinary work that has profoundly shaped our understanding and appreciation of polyhedra. Its stunning models, comprehensive catalog, and captivating exploration of geometry, art, and history make it a masterpiece that continues to inspire and educate readers of all backgrounds.

Whether you are a seasoned polyhedron enthusiast or a curious newcomer to the world of three-dimensional marvels, 'Dual Models' is a journey that will ignite your imagination and expand your horizons.



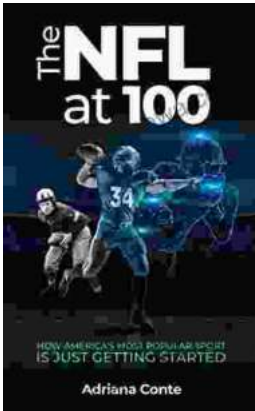
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