

Geometry of design: studies in proportion and composition

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Abstrak

Geometry of design with its detailed diagrams and vellum overlays not only explains how the sciences of measurement inform, even create, beauty in works of nature and art, but more importantly, how we can use these techniques to create beauty in our own designs. Topics covered include golden sections, divine proportion, fibonacci sequence, root rectangles and architectural proportions.

The book uncovers the mysterious relationship between mathematics and beauty. It takes us into the magical realm of geometry - of Golden Sections and Divine Proportion and the Fibonacci Sequence - in language accessible to the most maths-squeamish. From there, it shows us how symmetry, order, and visual balance underlie designs. The book not only explains how the sciences of measurement inform, even create, beauty in works of nature and art, but, more importantly, how we can use these techniques to create beauty in our own designs.