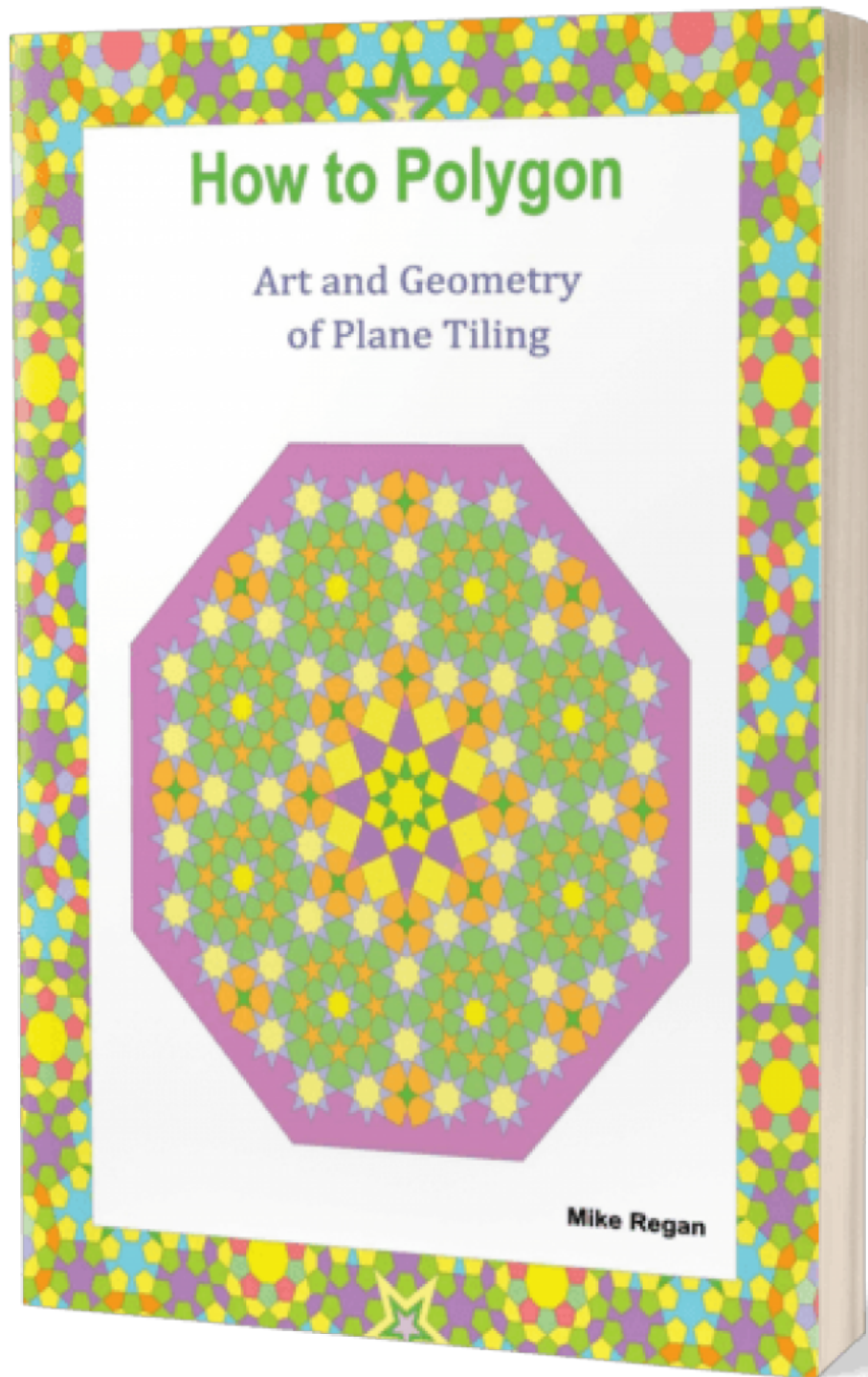


Author Mike Regan recently released his captivating guide to thoughtful design, *How to Polygon: Art and Geometry of Plane Tiling*



San Francisco, Nov 23, 2020 ([Issuewire.com](https://www.Issuewire.com)) - Author Mike Regan recently released his captivating guide to thoughtful design, *How to Polygon: Art and Geometry of Plane Tiling*. Regan was inspired by the desire to share his passion with others and highlight the craft of polygon tiling, which often mirrors the majesty and balance of the natural world. Geometers throughout history believed in the mystical properties of numbers and shapes. In his work, Regan shows how that magic can be achieved by blending fractals, stars, and other elements to create intricate pieces of art.

How to Polygon features several unique methods for creating patterns that extend indefinitely in a two-dimensional plane. Each chapter includes a brief introduction and representative samples to help readers visualize the core concepts. Regan's stunning illustrations highlight the creative possibilities that can be realized through studying and practicing the lessons in this guide.

Readers from any background will enjoy Regan's simple teaching style, fast-paced narration, and readable approach. Anyone with an interest in design, regardless of experience level, will find value in Regan's work as he outlines how polygons can be integrated into a variety of media, such as wallpaper and fabric. Above all else, Regan hopes that *How to Polygon* will encourage readers to expand beyond their perceived limits and develop their own personal flavor of design.

Regan cites the work of Roger Penrose, Marjorie Rice, and MC Escher as key influences. *How to Polygon* reflects Regan's belief that our environments are constant sources of inspiration, whether it's the pattern of a venomous snake or the tile floor of a building. He believes that exploration and discovery are essential aspects of art. Thinking outside the box also means thinking beyond the 90-degree angle, the straight and narrow, and the mundane.

Every artist's path will take a different progression. *How to Polygon* provides a proven framework to test different methodologies in a controlled fashion. Regan's journey began in home-building, where he progressed from building structures based on Fuller geodesic domes to using mandalas. Later, he developed and patented the Hypershelter concept, a way of constructing wind-resistant building configurations using a hyperbolic paraboloid shape.

Mike Regan is an author, geometer, and builder of homes. He can be found online at <https://polyocta.blogspot.com>. Regan lives and writes in Irondale, Washington. His next book will be on designing and building Hypershelters.

How to Polygon: Art and Geometry of Plane Tiling is available for purchase on Amazon.com and other major retailers.

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