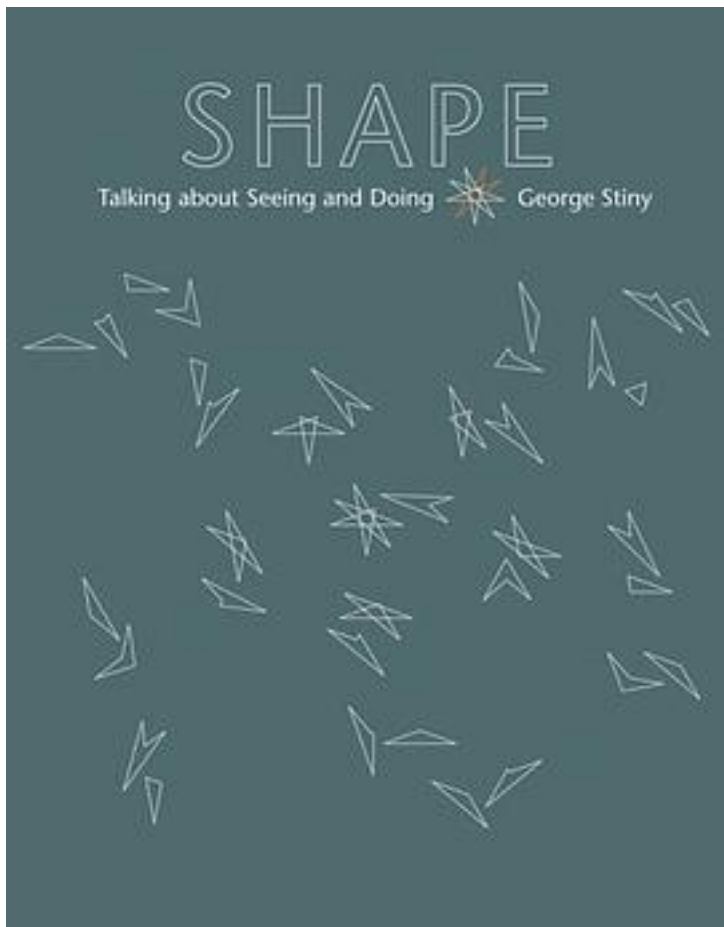


Shape



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著者:George Stiny

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In *Shape*, George Stiny argues that seeing shapes—with all their changeability and ambiguity—is an inexhaustible source of creative ideas. Understanding shapes, he says, is a useful way to understand what is possible in design.

Shapes are devices for visual expression just as symbols are devices for verbal expression. Stiny develops a unified scheme that includes both visual expression with shapes and verbal expression with signs. The relationships—and equivalencies—between the two kinds of expressive devices make design comparable to other professional practices that rely more on verbal than visual expression. Design uses shapes while business, engineering, law, mathematics, and philosophy turn mainly to symbols, but the difference, says Stiny, isn't categorical. Designing is a way of thinking. Designing, Stiny argues, is calculating with shapes, calculating without equations and numbers but still according to rules. Stiny shows that the mechanical process of calculation is actually a creative process when you calculate with shapes—when you can reason with your eyes, when you learn to see instead of count.

Stiny first demonstrates how seeing and counting differ when you use rules—that is, what it means to calculate with your eyes—then shows how to calculate with shapes, providing formal details. He gives practical applications in design with specific visual examples. The book is extraordinarily visual, with many drawings throughout—drawings punctuated with words. You have to see this book in order to read it.

作者介绍:

George Stiny, a theorist of design and computation, joined the Department of Architecture, MIT in 1996 after fifteen years on the faculty of the University of California at Los Angeles. Educated at MIT and at UCLA, where he received a PhD in Engineering, Stiny has also taught at the University of Sydney, the Royal College of Art (London), and the Open University.

目录:

[Shape 下载链接1](#)

标签

建筑理论

建筑

shape

grammar

评论

说真的 写的太无聊了点吧... 要不是上了这门课谁看得懂翻几页就能晕过去了

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书评

形狀千變萬化，為各類設計提供源源不絕的創新意念。
了解形態的本質可如何幫助我們尋找設計的可能性？ George
Stiny在麻省理工建築系教授設計及計算，自稱「形狀語法師」(shape grammarist),
在本書將會為形狀及設計進行解碼，教導我們如何利用雙眼看透視覺的邏輯。

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