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In this groundbreaking book, Adrian Bejan considers the design and optimization of engineered systems and discovers a relationship to the generation of geometric form in natural systems. The idea that shape and structure spring from the struggle for better performance in both engineering and nature is the basis of his new constructal theory: the objective and constraints principle in engineering is the same mechanism underlying the geometry in natural flow systems.

*Shape and Structure, from Engineering to Nature by Adrian . . .*

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In this groundbreaking book, Adrian Bejan shows that shape and structure spring from the struggle for better performance in both engineering and nature. This idea is the basis of the new constructal theory, that is, the objective and constraints principle used in engineering is the same mechanism from which the geometry in natural flow systems emerges.

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