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Adrian Bejan is a Romanian-American professor who has made contributions to modern thermodynamics and developed what he calls the constructal law. He is J. A. Jones Distinguished Professor of Mechanical Engineering at Duke University [1] [2] and author of the 2016 book *The Physics of Life: The Evolution of Everything*.

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Third Law of Thermodynamics ; Phase Transitions. Introduction; First order phase transition ; Second Order Phase Transition ; Mixture of variable composition ; Conditions of equilibrium of a heterogeneous system ; Stable Equilibrium ; Equations of State ; Gibbs Phase Rule ; Reaction Thermodynamics. Chemical Reaction ; Reaction Kinetics - I ; Reaction Kinetics - II

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Advanced Engineering Thermodynamics is the definitive modern treatment of energy and work for today's newest engineers. Author Bio ADRIAN BEJAN is the J.A. Jones Distinguished Professor of Mechanical Engineering at Duke University, and an internationally-recognized authority on thermodynamics.

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