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Sinopsis

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Entropy is a measure of order and disorder. If left alone, aging systems go spontaneously from youthful, low entropy and order to old, high entropy and disorder. This book presents the commonality of entropy principles which govern the birth, maturation, and senescent history of aging humans, corporations, and the universe. Mainly we introduce an entropy theory of aging, based on the non-equilibrium thermodynamic ideas of Ilya Prigogine, leading to the thermodynamic concepts of Excess Entropy (EE) and Excess Entropy Production (EEP). We describe the aging process in humans in terms of the EE and EEP concepts. This book also describes the informational entropy theory and equations of Claude Shannon and the six Hershey parameters which trace and mark the lifecycle of corporations. To conclude, this volume uses classical and informational entropy concepts, equations and calculations to explain the birth, evolution, and death of our aging universe, and all of this in relation to the concept of Infinity.

Contents:

Life and Death

Entropy, Infinity and God

Lifespan and Factors Affecting It: Humans

Entropy Theory of Aging Systems: Humans

Entropy Theory of Aging Systems: The Corporation

Entropy Theory at Aging Systems: The Universe