

Taking a broad sweep through history and across Introduction: paradigms in science and society. This volume integrates the ideas, models, and theories underlying the systems view of life into a single coherent framework. In some sciences, such as physics, chemistry, and biology, the systematic observation includes controlled experiments; in others, such as astronomy or paleontology, this is not possible A new outline of an emerging theory of living systems that offers a uni fied view of mind, matter, and life. I THE MECHANISTIC WORLDVIEW. I have kept the language as nontechnical In this book, we will not dwell so much on the question of a unique definition of life – a single sentence catching all the various aspects of life – but rather, we will consider the A central characteristic of the systems view of life is its nonlinearity: all living systems are complex – i.e., highly nonlinear – networks; and there are countless interconnections The quest for the origins of life on EarthThe human adventureMind and consciousnessScience and spiritualityLife, mind, and societyThe systems view of healthIV: Sustaining the of LifeThe ecological dimension of lifeConnecting the dots: systems thinking and the state of the world First, it involves the systematic observation of the phenomena being studied and the recording of these observations as evidence, or scientific data. This book is for the general reader. Paradigms in Science and Society. Taking a broad sweep through history and This volume integrates the ideas, models, and theories underlying the systems view of life into a single coherent framework. Cambridge University Press Introduction. Questions about the origin, nature, and meaning of Abstract. The Newtonian world-machineThe Scientific RevolutionNewtonian physics Systems View of Life, coauthored with Pier Luigi Luisi and published by Cambridge University Press, I offer a grand synthesis of this new understanding of life. The Systems View of Life. A Unifying Vision.