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Autore	Christophorou Loucas G
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Nota di contenuto	Chapter1: Arrows of Time -- Chapter2: Distinct Characteristics of Modern Civilization -- Chapter3: Science -- Chapter4: Scientific and Technological Frontier- Chapter5: Values of Society and Science -- Chapter6: Boundaries of Science -- Chapter7: Energy -- Chapter8: The Future: Quo Vadis Homo Sapiens?. .
Sommario/riassunto	Emerging Dynamics: Science, Energy, Society and Values focuses on the impact of science, science-based technology and scientific values on present-day humanity and its future. The book advocates for a science willing to accommodate both human values and scientific facts. The four main subjects focused on throughout the text are: The overwhelming impact of modern science and science-based technology on virtually every aspect of human life Human values and their significance for science and society The need for mutual accommodation between scientific values and the traditional values of society The fundamental role of energy for civilization and society. The

book cuts across scientific disciplines and looks at modern civilization through the knowledge provided by the physical, chemical, biomedical and other branches of natural science. The book is unique in its holistic approach, combining knowledge acquired by deduction, reduction-induction, and experimental scientific methods with knowledge acquired through history, philosophy, the arts, faith and cultural traditions. Modern civilization's most distinct characteristics are due to science, science-based technology and energy. The role of energy in the sustainability of civilization and the impact of biomedical science on man are especially emphasized throughout this timely book, making a case for a hopeful future based on both science and values. A science guided in its applications by human values and a value system cognizant of the facts of science and willing to accommodate them.

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