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Autore	Zatzman Gary
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Nota di contenuto	Sustainable Energy Pricing; Contents; Acknowledgements; Preface; Introduction; 0.1 Requirements of a Sustainable Energy Pricing Model; 0.1.1 Some General Issues; 0.1.2 Sustainability Criteria and Economic Theory; 0.1.2.1 Sustainability for whom?; 0.1.3 The Basis of Change and the Conditions of Change; 0.1.4 Linearities that Fail to Straighten Anything Out; 0.1.5 The Information/Disinformation Nexus; 0.1.6 Perception, Truth and Aphenomenality; 0.2 Outline of the Contents of this Volume; 1 Fundamental Notions; 1.1 ""Energy Crunch"" or: The

Problems and Issues of Modeling an Energy Price

1.1.1 Commodification: The General Capital-centred Theory 1.1.2 Energy as Social Product; 1.1.3 Cultural Bias and Energy Price Modeling; 1.1.4 Commodification: The Special Theory of Modern-day Time Compression; 1.2 Matter, Energy, and Efficiency from Scientific Standpoint; 1.3 Truth as a Scientific Frame of Reference; 1.3.1 Eurocentric Distortion of Scientific Truth as a Frame of Reference; 1.4 Phenomenally-based Sustainability: The Nature-science Criterion; 1.5 Value Assessment, Value Addition and Phenomenally-based Energy Pricing; 1.5.1 The Role of Value Assessment and Value Addition 1.6 Newtonian 'Mechanism' and Mystification of How Value is Transformed into Price 1.7 Risk Assessment & Management and Aphenomenal Energy Pricing; 1.7.1 Energy Pricing based on Fictions: The Case of Enron; 1.8 The Temporal Criterion of Long-term Sustainability and its Implications; Documents; A. Timeline of Critical Events for Enron in the Period August 2001 to December 2001; B. Enron Segment and Stock Market Performance 1993-2000; C. The Temporal Horizon In Which Diligence Can Become Undue; D. Darwinian Pessimism and the Foreshortening of Temporal Horizons E. Enron and the Foreshortening of Temporal Horizons 2 Newtonian Mechanism and The Deconstruction of Scientific Disinformation; 2.1 Introduction; 2.1.1 What is the Issue?; 2.2 Einstein's Relativity and Newton's Mechanism Compared; 2.3 Newton's First Assumption; 2.3.1 First Level of Rectification of Newton's First Assumption; 2.3.2 Second Level of Rectification of Newton's First Assumption; 2.3.2.1 Can We Take for Granted that Masswill Remain Constant?; 2.4 Fundamental Assumptions of Electromagnetic Theory; 2.4.1 Can Energy Propagate Throughout Space in the Absence of Mass? 2.5 The Engineering Approach and Its Significance 2.6 First Conclusions; 2.7 Continuity and Linearity; 2.7.1 Confusion Twice Confounded; 2.7.2 It's Really About Time...; 2.7.3 ""Laws of Motion"", ""Natural Law"" & Questions of Mutability; 3 Offshore Networks of Control: Providing Short-Term Multi-Entity International Oil and Gas Plays with a Guarantee; 4 Current Energy Pricing Models: Origins & Problems; 4.1 Consumption without Production; 4.1.1 Description of the Problem and its Visible Impacts; 4.1.2 Disinforming Impacts of Consumption without Production; 4.2 Imposed Energy Pricing 4.3 Inherent Features of the Current Energy-Pricing Model: Matters Affecting Individuals' Daily Existence

Sommario/riassunto

The petroleum sector is possibly the largest and most dominant economic sector in the globalized economy. However, for reasons explored in this book, although none of the existing economic development models fit this sector in the past and apply even less today, no satisfactory alternative has presented itself. This book highlights the important reasons why current models fail to predict energy pricing with reasonable accuracy, and ventures into environmental and other problems with oil and gas production and associated economic decisions mounting across both developed as well as developing