Record Nr. UNINA9910135015503321 The greening of pharmaceutical engineering, theories and solutions. **Titolo** Volume 2 / / M. R. Islam, [and four others] Pubbl/distr/stampa Salem, Massachusetts:,: Wiley-Scrivener,, 2016 ©2016 **ISBN** 1-119-15968-7 1-119-15969-5 1-119-15970-9 Descrizione fisica 1 online resource (373 p.) Disciplina 363.731 Soggetti Pharmaceutical industry - Environmental aspects Green chemistry Inglese Lingua di pubblicazione **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Description based upon print version of record. Includes bibliographical references and index. Nota di bibliografia Nota di contenuto Cover: Title Page: Copyright Page: Contents: Preface: 1 Introduction: 1.1 Opening Statement; 1.2 The Way Out: How Do We Make Use of Existing Knowledge?; 1.3 The Driver of the Knowledge Model; 1.4 The Proof of the Pudding is in the Eating!; 1.5 The Proof is in the Pudding; 1.6 Summary of Introduction; 2 The Nature-Science Approach: Some Further Consequences; 2.1 Cognitive Dissonance; 2.1.1 Summary Remarks about Theories that Disconnect Conscience from Humanity: 2.2 Foods for Thought; 2.2.1 Artificial Food Addiction; 2.2.2 Organic and Mechanical Frequencies; 2.3 Example from CCD Analysis 2.4 A New Approach to Product Characterization 2.5 A New Paradigm; 2.5.1 Violation of Characteristic Time; 2.5.2 Observation of Nature: Importance of Intangibles: 2.5.3 Analogy of Physical Phenomena: 2.5.4 Intangible Cause to Tangible Consequence; 2.5.5 Removable Discontinuities: Phases and Renewability of Materials; 2.5.6 Redefining Force and Energy; 2.5.6.1 Force; 2.5.6.2 Energy; 2.6 What is a Natural Energy Source?; 2.7 The Science of Water and Oil; 2.7.1 Comparison between Water and Petroleum; 2.7.2 Combustion and Oxidation; 2.7.3

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