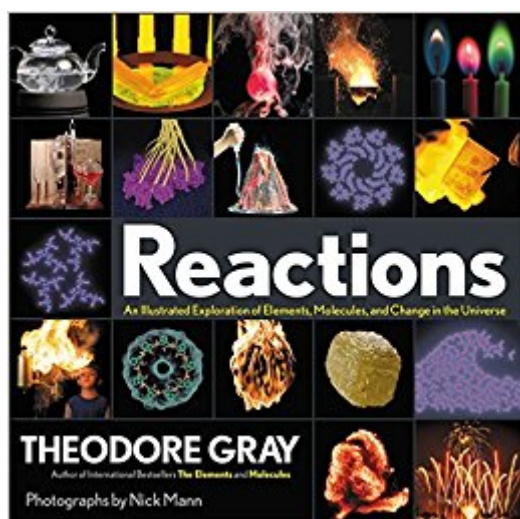


The book was found

Reactions: An Illustrated Exploration Of Elements, Molecules, And Change In The Universe



Synopsis

The long-awaited third installment in Theodore Gray's iconic "Elements" trilogy. The first two titles, *Elements* and *Molecules*, have sold more than 1.5 million copies worldwide. With *Reactions* bestselling author Theodore Gray continues the journey through our molecular and chemical world that began with the tour de force *The Elements* and continued with *Molecules*. In *The Elements* Gray gave us a never-before-seen, mesmerizing photographic view of the 118 elements in the periodic table. In *Molecules*, with the same phenomenal photographic acumen, plus beautifully rendered computer-generated graphics, he showed us how the elements combine to form the stuff that makes up our universe, from table salt to oxygen to the panoply of colors and smells that surround us. At last, we've reached *Reactions*, in which Gray once again puts his photographic and digital prowess and creativity to monumental work demonstrating how molecules interact in ways that are essential to our very existence. The book begins with a brief recap of elements and molecules and then goes on to explain important concepts that characterize a chemical reaction, including Energy, Entropy, and Time. It is then organized by type of reaction including Combustion, Photosynthesis, Respiration, Oxidation, and Fermentation. A special section of chemical cycles including The Carbon Cycle, The Iron Cycle, and The Lime Cycle.

Book Information

Hardcover: 240 pages

Publisher: Black Dog & Leventhal (October 17, 2017)

Language: English

ISBN-10: 0316391220

ISBN-13: 978-0316391221

Product Dimensions: 1.1 x 1.1 inches

Shipping Weight: 1.7 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #56,200 in Books (See Top 100 in Books) #7 in Books > Science & Math > Physics > Molecular Physics #13 in Books > Science & Math > Chemistry > Molecular Chemistry #22 in Books > Science & Math > Chemistry > Physical & Theoretical > Physical Chemistry

Customer Reviews

Theodore Gray is the author of *The Elements: A Visual Exploration of Every Known Atom in the Universe*, *Molecules: The Elements and the Architecture of Everything* and *Theodore Gray's Completely Mad Science: Experiments You Can Do At Home, But Probably Shouldn't*. He is the

creator of the bestselling iPad apps "Elements" and "Molecules," which have both been named "App of the Week" by Apple and have been featured in commercials and print advertisement for the iPad. He lives in Urbana, Illinois.

[Download to continue reading...](#)

Reactions: An Illustrated Exploration of Elements, Molecules, and Change in the Universe DARK ENERGY: The Biggest Mystery In The Universe (dark matter, how the universe works, holographic universe, quantum physics) (black holes, parallel universe, the string theory) Atoms, Molecules and Optical Physics 2: Molecules and Photons - Spectroscopy and Collisions (Graduate Texts in Physics) Molecules of Murder: Criminal Molecules and Classic Cases Dynamics of Molecules and Chemical Reactions Explosive Reactions Lab Kit (Mad Science Explosive Reactions Lab Kit) Molecules: The Elements and the Architecture of Everything Molecules & Elements: Science for Kids | Children's Chemistry Books Edition From Ptolemy's Spheres to Dark Energy: Discovering the Universe (Chain Reactions) Seismic Hydrocarbon Exploration: 2D and 3D Techniques (Advances in Oil and Gas Exploration & Production) A Generalized Approach To Primary Hydrocarbon Recovery Of Petroleum Exploration & Production, Volume 4 (Handbook of Petroleum Exploration and Production) URBEX: Urban Exploration For Beginners: Discover Abandoned Buildings, Hidden Cities & Access All Areas (Urban Exploration, City Hacking, Caving, Urbex) The Unknown Universe: A New Exploration of Time, Space and Cosmology Information and the Internal Structure of the Universe: An Exploration into Information Physics Poetry of the Universe: A Mathematical Exploration of the Cosmos Japanese Architecture: An Exploration of Elements & Forms Elementary Particles : The Building Blocks of the Universe - Physics and the Universe | Children's Physics Books Universe of Stone: Chartres Cathedral and the Invention of the Gothic AKA Universe of Stone: A Biography of Chartres Cathedral First Meetings: In Ender's Universe (Other Tales from the Ender Universe) Mammals Who Morph: The Universe Tells Our Evolution Story: Book 3 (The Universe Series)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)