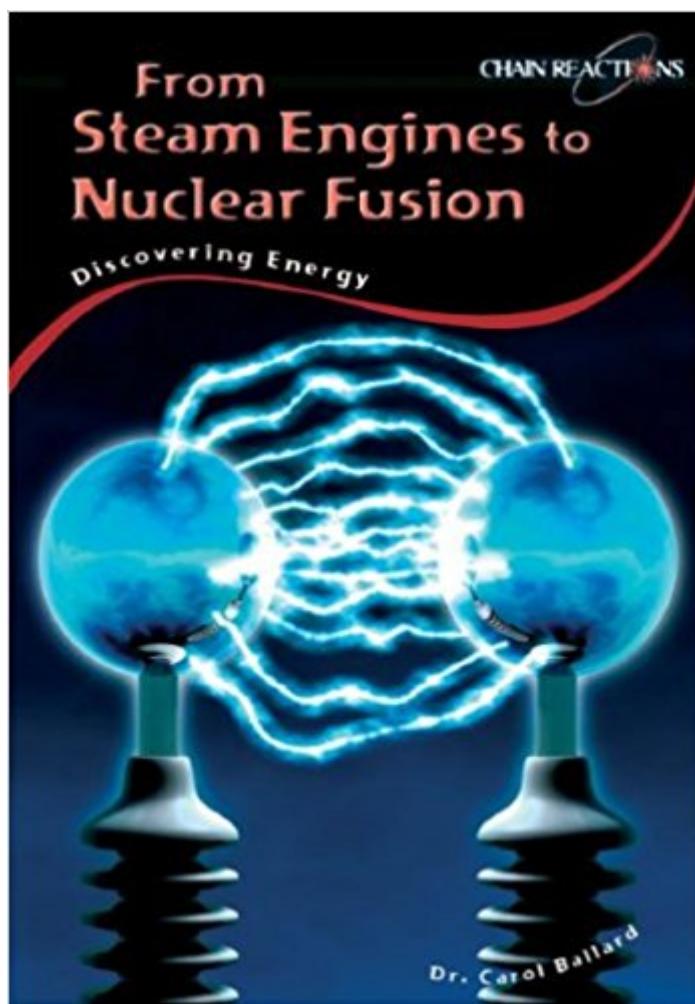


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From Steam Engines To Nuclear Fusion: Discovering Energy (Chain Reactions)



Synopsis

How are heat, light, magnetism, and electricity connected? Who invented the electric motor? What is nuclear fusion? This titles tells the amazing story of energy, from the heat produced by a simple wood fire to the extraordinary power contained in an atom.

Book Information

Series: Chain Reactions

Hardcover: 64 pages

Publisher: Heinemann-Raintree (January 15, 2007)

Language: English

ISBN-10: 1403495548

ISBN-13: 978-1403495549

Product Dimensions: 9.5 x 6.6 x 0.4 inches

Shipping Weight: 1 pounds

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Ballard traces the history of the scientific community's understanding of energy and how that has been applied to everyday life. Beginning with an explanation of what energy is, the discussion touches on topics such as steam power, electricity, radioactivity, quantum theory, relativity, and nuclear power. The book concludes with a look at possible future applications of energy theory, followed by a time line, short biographies of six significant scientists from Faraday to Fermi, a glossary, and short lists of recommended books and Web sites. Illustrations, many in color, include period portraits of scientists and photos of equipment, as well as a few diagrams. While students will need to look elsewhere for fuller explanations of the concepts presented, this book from the Chain Reactions series offers a serviceable overview of the history of energy theory. Carolyn Phelan

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Dr. Carol Ballard is a Heinemann author.

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