

# 《运动、力与能量》

## 图书基本信息

书名：《运动、力与能量》

13位ISBN编号：9787533869885

10位ISBN编号：7533869885

出版时间：2008-3

出版社：浙江教育

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页数：228

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## 内容概要

《科学探索者·运动力与能量(英语版)》是《科学探索者》系列丛书之一，主要讲述运动、力、流体力学、功与机械、能与功率、热能与热量等，将带领你探索科学奥秘！走近科学：探索自然界的奥秘。

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## 书籍目录

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Chapter 1 Motion 1 Describing and Measuring Motion 2  
Integrating Earth Science: Slow Motion on Planet Earth 3 Acceleration  
Chapter 2 Forces 1 The Nature of Force 2 Force, Mass, and Acceleration 3 Friction and Gravity 4 Action and Reaction 5 Integrating Space Science: Orbiting Satellites  
Chapter 3 Forces in Fluids 1 Pressure 2 Transmitting Pressure in a Fluid 3 Floating and Sinking 4 Integrating Technology: Applying Bernoulli's Principle  
Chapter 4 Work and Machines 1 What Is Work? 2 Mechanical Advantage and Efficiency 3 Simple Machines 4 Integrating Life Science: Machines in the Human Body  
Chapter 5 Energy and Power 1 The Nature of Energy 2 Energy Conversion and Conservation 3 Integrating Earth Science: Energy Conversions and Fossil Fuels 4 Power  
Chapter 6 Thermal Energy and Heat 1 Temperature and Thermal Energy 2 The Nature of Heat 3 Integrating Chemistry: Thermal Energy and States of Matter 4 Uses of Heat  
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