

Finneytown Physics Chapter 12

Roller Coaster Houghton Mifflin Harcourt

Ion channels are proteins that make pores in the membranes of excitable cells present both in the brain and the body. These cells are not only responsible for converting chemical and mechanical stimuli into the electrical signals but are also liable for monitoring vital functions. All our activities, from the blinking of our eyes to the beating of our heart and all our senses from smell to sight, touch, taste and hearing are regulated by the ion channels. This book will take us on an expedition describing the role of ion channels in congenital and acquired diseases and the challenges and limitations scientist are facing in the development of drugs targeting these membrane proteins.

Describes how teaching and learning is perceived by those most closely involved in it or affected by it - such as teachers, pupils and parents; and covers a spectrum from preschool to secondary school.

This volume was developed from the proceedings of a symposium held in Miami Beach, at the 189th National Meeting of the American Chemical Society. It is the result of the combined efforts of many experts whose efforts have advanced our knowledge of the production, analysis, distribution, effects and control of chlorinated dioxins, dibenzofurans and related compounds. This is the third in a series of publications originating from current technology presented at national meetings of the American Chemical Society. Using this forum as a catalyst, researchers from all over the world came together to present and discuss their data and plan future work in this rapidly developing and sometimes highly emotional technical area.

Emerging Trends in ICT Security, an edited volume, discusses the foundations and theoretical aspects of ICT security; covers trends, analytics, assessments and frameworks necessary for performance analysis and evaluation; and gives you the state-of-the-art knowledge needed for successful deployment of security solutions in many environments. Application scenarios provide you with an insider's look at security solutions deployed in real-life scenarios, including but limited to smart devices, biometrics, social media, big data security, and crowd sourcing. Provides a multidisciplinary approach to security with coverage of communication systems, information mining, policy making, and management infrastructures. Discusses deployment of numerous security solutions, including, cyber defense techniques and defense against malicious code and mobile attacks. Addresses application of security solutions in real-life scenarios in several environments, such as social media, big data and crowd sourcing.

Although French science fiction innovator Jules Verne is best known for fantastical tales such as *Twenty Thousand Leagues Under the Sea* and *Journey to the Center of the Earth*, he also wrote a number of fast-paced action-adventure stories. Dick Sand: A Captain at Fifteen falls into this category, following the protagonist of the title through an around the world whaling trip that goes horribly wrong.

What happens when you trip or when you drop a ball? When something falls, which way does it fall? Down, down, down! Do you know what makes things fall? Renowned science author Vicki Cobb explains the weighty subject of gravity with such ease that even the youngest kids will understand. Follow this book with a child who loves to play. Have lots of dropping races. Together you'll learn how much fun falling for science can be. Exciting hands on activities and irresistible illustrations by Julia Gorton make *Science Play* a perfect way to learn about science...just for the fun of it!

This handbook summarizes the data and techniques for hypofractionation and stereotactic radiation in a clinically-accessible way. Hypofractionated radiation therapy, which consists of larger-dose radiation treatments that are given over a shorter time period compared to conventional radiation fraction sizes, is used to treat a variety of cancers, including prostate, breast, lung, and colorectal. Conventional radiation therapy and hypofractionated radiation therapy have different effectiveness rates for cancer treatment and have different impacts on normal tissues in terms of causing toxicity. There is a significant and growing body of literature on the use of different dosing regimens to treat a variety of cancers and radiation oncologists need to keep up with the various dosing schedules, the effect of each regimen on cancer control in different cancers, and how the different schedules affect each organ in terms of toxicity. The book thus provides concise information ranging from commonly-used dose-fractionation schemes for hypofractionated and stereotactic body radiotherapy to simulation and treatment specifications to published safety and efficacy data. Chapters additionally examine the biological rationales for the efficacy of hypofractionated radiation; present clinical studies that demonstrate the efficacy and safety of hypofractionated radiation treatment in a variety of cancers; and describe the advances in technology that have allowed hypofractionated radiation to be safely given. This is an ideal guide for radiation oncology clinicians and trainees.

This volume contains lectures and invited papers from the Focus Program on "Nonlinear Dispersive Partial Differential Equations and Inverse Scattering" held at the Fields Institute from July 31-August 18, 2017. The conference brought together researchers in completely integrable systems and PDE with the goal of advancing the understanding of qualitative and long-time behavior in dispersive nonlinear equations. The program included Percy Deift's Coxeter lectures, which appear in this volume together with tutorial lectures given during the first week of the focus program. The research papers collected here include new results on the focusing ?nonlinear Schrödinger (NLS) equation, the massive Thirring model, and the Benjamin-Bona-Mahoney equation as dispersive PDE in one space dimension, as well as the Kadomtsev-Petviashvili II equation, the Zakharov-Kuznetsov equation, and the Gross-Pitaevskii equation as dispersive PDE in two space dimensions. The Focus Program coincided with the fiftieth anniversary of the discovery by Gardner, Greene, Kruskal and Miura that the Korteweg-de Vries (KdV) equation could be integrated by exploiting a remarkable connection between KdV and the spectral theory of Schrodinger's equation in one space dimension. This led to the discovery of a number of completely integrable models of dispersive wave propagation, including the cubic NLS equation, and the derivative NLS equation in one space dimension and the Davey-Stewartson, Kadomtsev-Petviashvili and Novikov-Veselov equations in two space dimensions. These models have been extensively studied and, in some cases, the inverse scattering theory has been put on rigorous footing. It has been used as a powerful analytical tool to study global well-posedness and elucidate asymptotic behavior of the solutions, including dispersion, soliton resolution, and semiclassical limits.

In the early and mid-2000s, US policymakers anticipated India becoming one of America's top global partners. Have New Delhi's policies on key strategic issues actually aligned strongly with US objectives, as would be typical of close partners? An analysis of twelve prominent issues in US-India relations indicates that New Delhi's policies mostly converged moderately, rather than to a high extent, with US objectives. Specifically, the alignment between New Delhi's policies and US objectives was high or moderate-to-high on three issues--UN peacekeeping, nonproliferation export controls, and arms sales. It was moderate or low-to-moderate on six issues--China, Iran, Afghanistan, Indian Ocean security, Pakistan, and bilateral defense cooperation. And it was low or negligible on three issues--nuclear reactor contracts for US firms, nuclear arms control, and the war in Iraq. To be sure, despite the low or negligible convergence, New Delhi did not take an anti-US position on these issues. Four factors explain why New Delhi's policies aligned unevenly with US objectives across the issues: India's strategic interests (that diverged from US interests on some issues); domestic political and economic barriers (that prevented greater convergence between India's policies and US objectives); incentives and disincentives (that induced New Delhi to better align with US objectives); and certain case-specific factors. This analysis suggests that, rather than expecting India to become a close ally, US policymakers should consider it a friendly strategic partner whose policies would align, on the average, moderately with US strategic interests.

This book chronicles the introspective and contemplative strategies employed within a uniquely-designed professional development intervention that successfully increased the self-efficacy of STEM faculty in

implementing culturally relevant pedagogies in the computer/information sciences.

Learn how things get moving and what makes them stop.

Instructional Design for Teachers, Second Edition focuses on the instructional design (ID) process specifically for K-12 teachers. The first edition introduced a new, common-sense model of instructional design to take K-12 teachers through the ID process step by step, with a special emphasis on preparing, motivating, and encouraging new and ongoing use of ID principles. This second edition includes new material on design in gaming, cybercharters, online classrooms, and flipped classrooms, as well as special considerations for the Common Core. Each chapter contains framing questions, common errors, easy-to-use rules of thumb, clearly stated outcomes, and examples showing ID in action. The basic model and its application within constructivism and user-design will help teachers adapt from a behavioral approach to a more open, student-centered design approach. Combining basics with strategies to implement this model in the most advanced instructional approaches, this book empowers teachers and learners to use good instructional design with the most recent research-based approaches to learning. Instructional Design for Teachers shows how ID principles can impact instructional moments in positive and practical ways. The book can be used for basic ID courses and introductory curriculum courses, and is accessible to in-service as well as pre-service teachers.

An excellent introduction to the basics of physics from antiquity to the modern era, including motion, work, energy, heat, matter, light, electricity, quantum & nuclear physics.

The Encyclopedia of Northern Kentucky is the authoritative reference on the people, places, history, and rich heritage of the Northern Kentucky region. The encyclopedia defines an overlooked region of more than 450,000 residents and celebrates its contributions to agriculture, art, architecture, commerce, education, entertainment, literature, medicine, military, science, and sports. Often referred to as one of the points of the "Golden Triangle" because of its proximity to Lexington and Louisville, Northern Kentucky is made up of eleven counties along the Ohio River: Boone, Bracken, Campbell, Carroll, Gallatin, Grant, Kenton, Mason, Owen, Pendleton, and Robertson. With more than 2,000 entries, 170 images, and 13 maps, this encyclopedia will help readers appreciate the region's unique history and culture, as well as the role of Northern Kentucky in the larger history of the Commonwealth of Kentucky and the nation. Describes the "Golden Triangle" of Kentucky, an economically prosperous area with high employment, investment, and job-creation rates Contains entries on institutions of higher learning, including Northern Kentucky University, Thomas More College, and three community and technical colleges Details the historic cities of Covington, Newport, Bellevue, Dayton, and Ludlow and their renaissance along the shore of the Ohio River Illustrates the importance of the Cincinnati / Northern Kentucky International Airport as well as major corporations such as Ashland, Fidelity Investments, Omnicare, Toyota North America, and United States Playing Card

The proliferation of ballistic missiles that can deliver weapons of mass destruction halfway across the world is a matter of growing urgency and concern, as is the fate of agreements limiting the development of such deadly weapons. The Bush administrations scrapping of the ABM Treaty and pursuit of a huge National Missile Defense initiative are dramatic evidence of this concern. Yet there remains much uncertainty about the viability of missile defense. If defenses fall short, strong security regimes will be necessary to contain missile proliferation. Since 1987, more than thirty states have agreed to restrict their transfer of missiles and related technologies under the Missile Technology Control Regime (MTCR). During the MTCR's first decade, several regional powers were thwarted from advancing their missile ambitions. Subsequently, however, states such as North Korea, Iran, Pakistan, India, and Israel have tested medium-range missiles and others have expanded their missile arsenals. Dinshaw Mistry critically examines the successes and limitations of the MTCR, and suggests five practical ways to strengthen the regime. The authors exhaustive research offers new and detailed insights on the technology and politics of missile programs in Iran, Iraq, North Korea, Pakistan, India, Israel, Egypt, South Korea, Taiwan, and other countries. Mistry also shows how international cooperation, security regimes, and U.S. foreign policies of engagement and containment with these states can halt their missile programs. Mistry's book is the first comprehensive study of the MTCR and of international efforts to contain missile proliferation. Policymakers, scholars, and the general reader will find this book a valuable contribution to the subjects of arms control, ballistic missile proliferation, multilateral cooperation, and international security regimes. For the author's update, go to

<http://www.washington.edu/uwpress/books/UpdateApril2009.pdf>

Published in 1906 by Rev. Horace Talbert, some fifty years after slavery ended, AME church history comes to life through profiles of 122 men-faithful devotees, or spiritual "sons" of Bishop Richard Allen, founder of the African Methodist Episcopal Church. Founded in 1816, the AME church was the first organized African American denomination in the United States. These sterling portraits of the "sons of Allen," mostly AME pastors, but also leading black men from other areas of industry, awaken the dreamer within... In celebration of the 200th anniversary of the founding of the AME church, the descendants of the author have reissued this remarkable book, which includes a "Sketch" by Rev. Talbert about his beloved alma mater Wilberforce University. This edition also has new material from Talbert's family members: a preface from Mrs. Suesetta Talbert McCree, a granddaughter of Rev. Talbert, believed to be the last surviving member of her generation; and a foreword by Rev. Malcolm Hassan Stephens, an Itinerant Elder of the AME Church and a great-great grandson of Rev. Talbert. The Sons of Allen is excellent primary source material for those interested in AME Church history, African American history, American history and genealogy. All readers will be inspired by the lives these men set forth to live, encouraged by the AME motto: "God our Father, Christ our redeemer, the Holy Spirit our comforter, Humankind our family."

Twelve people set aside their fears and ride a roller coaster, including one who has never done so before.

Embarking upon research as a graduate student or postdoc can be exciting and enriching—the start of a rewarding career. But the world of scientific research is also a competitive one, with grants and good jobs increasingly hard to find. The Chicago Guide to Your Career in Science is intended to help scientists not just cope but excel at this critical phase in their careers. Victor A. Bloomfield and Esam E. El-Fakahany, both well-known scientists with extensive experience as teachers, mentors, and administrators, have combined their

knowledge to create a guidebook that addresses all of the challenges that today's scientists-in-training face. They begin by considering the early stages of a career in science: deciding whether or not to pursue a PhD, choosing advisors and mentors, and learning how to teach effectively. Bloomfield and El-Fakahany then explore the skills essential to conducting and presenting research. The Chicago Guide to Your Career in Science offers detailed advice on how to pursue research ethically, manage time, and communicate effectively, especially at academic conferences and with students and peers. Bloomfield and El-Fakahany write in accessible, straightforward language and include a synopsis of key points at the end of each chapter, so that readers can dip into relevant sections with ease. From students prepping for the GRE to postdocs developing professional contacts to faculty advisors and managers of corporate labs, scientists at every level will find The Chicago Guide to Your Career in Science an unparalleled resource. "The Chicago Guide to Your Career in Science is a roadmap to the beginning stages of a scientific career. I will encourage my own students to purchase it."—Dov F. Sax, assistant professor of ecology and evolutionary biology, Brown University "Step-by-step, Victor Bloomfield and Esam El-Fakahany provide sound, thorough, yet succinct advice on every issue a scientist in training is likely to encounter. Young readers will welcome the authors' advice on choosing a graduate school, for example, while senior scientists will probably wish that a book like this had been around when they were starting out. With down-to-earth and occasionally humorous advice, The Chicago Guide to your Career in Academic Biology belongs on the bookshelf of every graduate student and advisor."—Norma Allewell, Dean, College of Chemical and Life Sciences, University of Maryland

This volume consists of a set of ten lectures conceived as both introduction and up-to-date survey on discrete integrable systems. It constitutes a companion book to "Integrability of Nonlinear Systems" (Springer-Verlag, 2004, LNP 638, ISBN 3-540-20630-2). Both volumes address primarily graduate students and nonspecialist researchers but will also benefit lecturers looking for suitable material for advanced courses and researchers interested in specific topics.

From the very first day you use them, the design challenges in this compendium will spur your students, too, to jump right in and engage throughout the entire class. The activities reinforce important science content while illustrating a range of STEM skills. The 30 articles have been compiled from NSTAOCO's journals for elementary through high school. Next time you need an engaging STEM activity, you'll be glad you have this collection to help you blend meaningful and memorable experiences into your lessons." The outcome of a conference held in East Carolina University in June 1982, this book provides an account of developments in the theory and application of nonlinear waves in both fluids and plasmas. Twenty-two contributors from eight countries here cover all the main fields of research, including nonlinear water waves, K-dV equations, solitons and inverse scattering transforms, stability of solitary waves, resonant wave interactions, nonlinear evolution equations, nonlinear wave phenomena in plasmas, recurrence phenomena in nonlinear wave systems, and the structure and dynamics of envelope solitons in plasmas.

The first ever reference book on the behaviour, physiology, conservation and biogeography of the dwarf and mouse lemurs of Madagascar.

NOTE: Used books, rentals, and purchases made outside of Pearson If purchasing or renting from companies other than Pearson, the access codes for the Enhanced Pearson eText may not be included, may be incorrect, or may be previously redeemed. Check with the seller before completing your purchase. This access code card provides access to the new Enhanced Pearson eText This introductory text is written specifically for consumers of research— anyone who uses the results and implications of research studies to enhance their knowledge and improve their practice. The focus is on guiding students toward a basic understanding of the research process, allowing them to develop the skills, knowledge and strategies needed to read, interpret, and evaluate the quality of research reports. The text provides balanced coverage of quantitative, qualitative, and combined research approaches. The Enhanced Pearson eText features interactive learning modules and assessments. Improve mastery and retention with the Enhanced Pearson eText* This access code card provides access to the new Enhanced Pearson eText, a rich, interactive learning environment designed to improve student mastery of content. The Enhanced Pearson eText is: Engaging. The new interactive, multimedia learning features were developed by the authors and other subject-matter experts to deepen and enrich the learning experience. Convenient. Enjoy instant online access from your computer or download the Pearson eText App to read on or offline on your iPad® and Android® tablet.* Affordable. Experience the advantages of the Enhanced Pearson eText for 40% to 65% less than a print bound book. *The Enhanced eText features are only available in the Pearson eText format. They are not available in third-party eTexts or downloads. *The Pearson eText App is available on Google Play and in the App Store. It requires Android OS 3.1-4, a 7" or 10" tablet, or iPad iOS 5.0 or later. From reviews of the book: "The structure of the book is great. [The authors use] language that helps the reader become engaged and invites them to start applying what they have learned to their situation immediately. The examples of the journal articles with the notations are very helpful and we use these for discussion in the class quite a bit. I also like the 'reviewing what we've learned' and 'practicing your skills' at the end of the chapter. I much prefer the consumer approach of this text over others on the market." -- Candyce Reynolds, Portland State University "Understanding Research is true to its name; it is much more user friendly, it explains WHAT research IS. It does an EXCELLENT job of covering all of the material I currently cover. [The authors] (fortunately) force me to provide a balanced, comparative description of both [quantitative and qualitative] research. . . . I find the writing style to be clear, interesting and engaging. " -- Carol A. Friesen, Ball State University ""Examines the US-India nuclear deal in detail and goes a step further in explaining several key questions related to it"--Provided by publisher".

This book explores evidence-based practice in college science teaching. It is grounded in disciplinary education research by practicing scientists who have chosen to take Wieman's (2014) challenge seriously, and to investigate claims about the efficacy of alternative strategies in college science teaching. In editing this book, we have chosen to showcase outstanding cases of exemplary practice supported by solid evidence, and to include practitioners who offer models of teaching and learning that meet the high

standards of the scientific disciplines. Our intention is to let these distinguished scientists speak for themselves and to offer authentic guidance to those who seek models of excellence. Our primary audience consists of the thousands of dedicated faculty and graduate students who teach undergraduate science at community and technical colleges, 4-year liberal arts institutions, comprehensive regional campuses, and flagship research universities. In keeping with Wieman's challenge, our primary focus has been on identifying classroom practices that encourage and support meaningful learning and conceptual understanding in the natural sciences. The content is structured as follows: after an Introduction based on Constructivist Learning Theory (Section I), the practices we explore are Eliciting Ideas and Encouraging Reflection (Section II); Using Clickers to Engage Students (Section III); Supporting Peer Interaction through Small Group Activities (Section IV); Restructuring Curriculum and Instruction (Section V); Rethinking the Physical Environment (Section VI); Enhancing Understanding with Technology (Section VII), and Assessing Understanding (Section VIII). The book's final section (IX) is devoted to Professional Issues facing college and university faculty who choose to adopt active learning in their courses. The common feature underlying all of the strategies described in this book is their emphasis on actively engaging students who seek to make sense of natural objects and events. Many of the strategies we highlight emerge from a constructivist view of learning that has gained widespread acceptance in recent years. In this view, learners make sense of the world by forging connections between new ideas and those that are part of their existing knowledge base. For most students, that knowledge base is riddled with a host of naïve notions, misconceptions and alternative conceptions they have acquired throughout their lives. To a considerable extent, the job of the teacher is to coax out these ideas; to help students understand how their ideas differ from the scientifically accepted view; to assist as students restructure and reconcile their newly acquired knowledge; and to provide opportunities for students to evaluate what they have learned and apply it in novel circumstances. Clearly, this prescription demands far more than most college and university scientists have been prepared for.

Although it has been occupied for as long and possesses a mound-building tradition of considerable scale and interest, Muller contends that the archaeology of the lower Ohio River Valley—from the confluence with the Mississippi to the falls at Louisville, Kentucky – remains less well-known than that of the elaborate mound-building cultures of the upper valley. This study provides a synthesis of archaeological work done in the region, emphasizing population growth and adaptation within an ecological framework in an attempt to explain the area's cultural evolution.

Looking for the real state of play in computational many-particle physics? Look no further. This book presents an overview of state-of-the-art numerical methods for studying interacting classical and quantum many-particle systems. A broad range of techniques and algorithms are covered, and emphasis is placed on their implementation on modern high-performance computers. This excellent book comes complete with online files and updates allowing readers to stay right up to date.

Twins Joe and Nancy were raised in a circus but on their eleventh birthday they learn their parents are still alive and need their help, so they set out on an quest filled with many extraordinary beings and adventures. Consists of twenty-seven episodes by nineteen authors and pictures by five illustrators.

Cincinnati Magazine taps into the DNA of the city, exploring shopping, dining, living, and culture and giving readers a ringside seat on the issues shaping the region.

The fossil record contains unique long-term insights into how ecosystems form and function which cannot be determined simply by examining modern systems. It also provides a record of endangered species through time, which allow us to make conservation decisions based on thousands to millions of years of information. The aim of this book is to demonstrate how palaeontological data has been or could be incorporated into ecological or conservation scientific studies. This book will be written by palaeontologists for modern ecologists and conservation scientists. Manuscripts will fall into one (or a combination) of four broad categories: case studies, review articles, practical considerations and future directions. This book will serve as both a 'how to guide' and provide the current state of knowledge for this type of research. It will highlight the unique and critical insights that can be gained by the inclusion of palaeontological data into modern ecological or conservation studies.

"At once a film book, a history book, and a civil rights book ... without a doubt, not only the very best film book ... but it is also one of the best books of the year in any genre. An absolutely essential read."

—Shondaland This unprecedented history of Black cinema examines 100 years of Black movies—from *Gone with the Wind* to Blaxploitation films to *Black Panther*—using the struggles and triumphs of the artists, and the films themselves, as a prism to explore Black culture, civil rights, and racism in America. From the acclaimed author of *The Butler* and *Showdown*. Beginning in 1915 with D. W. Griffith's *The Birth of a Nation*—which glorified the Ku Klux Klan and became Hollywood's first blockbuster—Wil Haygood gives us an incisive, fascinating, little-known history, spanning more than a century, of Black artists in the film business, on-screen and behind the scenes. He makes clear the effects of changing social realities and events on the business of making movies and on what was represented on the screen: from Jim Crow and segregation to white flight and interracial relationships, from the assassination of Malcolm X, to the O. J. Simpson trial, to the Black Lives Matter movement. He considers the films themselves—including *Imitation of Life*, *Gone with the Wind*, *Porgy and Bess*, the Blaxploitation films of the seventies, *Do The Right Thing*, *12 Years a Slave*, and *Black Panther*. And he brings to new light the careers and significance of a wide range of historic and contemporary figures: Hattie McDaniel, Sidney Poitier, Berry Gordy, Alex Haley, Spike Lee, Billy Dee Williams, Richard Pryor, Halle Berry, Ava DuVernay, and Jordan Peele, among many others. An important, timely book, *Colorization* gives us both an unprecedented history of Black cinema and a groundbreaking perspective on racism in modern America.

Astrobiology of Earth studies the fortuitous combination of numerous cosmic factors that together produced the special environment which enabled the emergence, persistence and evolution of life on our own planet, culminating in humanity. This environment has been subject to constant and chaotic change during life's 3.6 billion year history. The geologically very recent appearance of humans and their effect on the biosphere is discussed in relation to its deterioration as well as climate change. The search for extraterrestrial life is considered with a view to the suggestion that humans may escape a depleted Earth by colonizing the universe.

In light of the dispersed nature of the mixed methods literature, the editors have organized a collection of key discussions and examples of mixed methods research studies in one easy-to-access location.

This integrative collection draws from the international literature appearing across diverse research disciplines over the past thirty years.

Leading for Learning Written by acclaimed school reform advocate Phillip C. Schlechty, *Leading for Learning* offers educators the framework, tools, and processes they need to transform their schools from

bureaucracies into dynamic learning organizations. Schlechty explains how to move beyond some of the deeply ingrained and negative conceptions of schooling that guide so much of their practice. He shows educators how they can take advantage of new learning technologies by increasing their organization's capacity to support continuous innovation. "Clearly not for the fainthearted, Schlechty's engrossing appraisal of American education calls for a bold, truly fundamental transformation of how we run our public schools. Some books are thought-provoking; this one is action-provoking." —W. JAMES POPHAM, professor emeritus, UCLA "Dr. Schlechty has once again written an insightful book that educational leaders can use as a road map in transforming our schools into learning organizations designed to serve twenty-first century students." —DR. RANDY BRIDGES, superintendent, Alamance-Burlington School System, NC "Because education is ultimately a community responsibility, Schlechty's proposal to shift school systems from bureaucracies to learning organizations can open doors to citizens who are frustrated by the bureaucracy in their efforts to reclaim their role in education. This book is as much for them as it is for professional educators." —DAVID MATHEWS, president, Kettering Foundation "Anyone in a school leadership position—from the board room to the classroom—should read this engaging and thought-provoking book. It's a must-read for all immersed in or contemplating the transformation of public education." —CLAUDIA MANSFIELD SUTTON, chief communications and marketing officer, American Association of School Administrators

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