

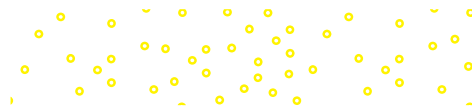
Tenth Edition

# The **PHYSICS** of Everyday Phenomena A Conceptual Introduction to Physics

Mc  
Graw  
Hill

W. Thomas Griffith

Juliet W. Brosing



Tenth Edition

# The Physics of Everyday Phenomena

A Conceptual Introduction to Physics

**W. Thomas Griffith**

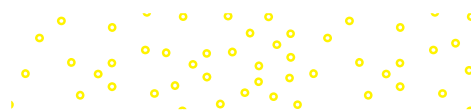
Pacific University

**Juliet W. Broising**

Pacific University

**Mc  
Graw  
Hill**





THE PHYSICS OF EVERYDAY PHENOMENA: A CONCEPTUAL INTRODUCTION TO PHYSICS,  
TENTH EDITION

Published by McGraw Hill LLC, 1325 Avenue of the Americas, New York, NY 10121. Copyright ©2022 by McGraw Hill LLC. All rights reserved. Printed in the United States of America. Previous editions ©2019, 2015, and 2012. No part of this publication may be reproduced or distributed in any form or by any means, or stored in a database or retrieval system, without the prior written consent of McGraw Hill LLC, including, but not limited to, in any network or other electronic storage or transmission, or broadcast for distance learning.

Some ancillaries, including electronic and print components, may not be available to customers outside the United States.

This book is printed on acid-free paper.

1 2 3 4 5 6 7 8 9 LWI 24 23 22 21

ISBN 978-1-260-71893-5 (bound edition)

MHID 1-260-71893-X (bound edition)

ISBN 978-1-264-12121-2 (loose-leaf edition)

MHID 1-264-12121-0 (loose-leaf edition)

Portfolio Manager: *Beth Bettcher*

Senior Product Developer: *Mary Hurley*

Senior Marketing Manager: *Shannon O'Donnell*

Content Project Managers: *Jane Mohr and Samantha Donisi*

Buyer: *Susan K. Culbertson*

Designer: *Beth Blech*

Content Licensing Specialist: *Beth Cray*

Cover Image: *wangsong/123RF*

Compositor: *Aptara®*, Inc.

All credits appearing on page or at the end of the book are considered to be an extension of the copyright page.

**Library of Congress Cataloging-in-Publication Data**

Names: Griffith, W. Thomas, author. | Brosing, Juliet Wain, 1953- author.

Title: The physics of everyday phenomena : a conceptual introduction to physics / W. Thomas Griffith, Pacific University, Juliet W. Brosing, Pacific University.

Description: Tenth edition. | New York, NY : McGraw-Hill Education, [2022] | Includes index.

Identifiers: LCCN 2020021788 (print) | LCCN 2020021789 (ebook) | ISBN 9781260718935 (hardcover) | ISBN 9781264121212 (spiral bound) | ISBN 9781264121250 (ebook) | ISBN 9781264121267 (ebook other)

Subjects: LCSH: Physics—Textbooks.

Classification: LCC QC23.2 .G75 2022 (print) | LCC QC23.2 (ebook) | DDC 530—dc23

LC record available at <https://lcn.loc.gov/2020021788>

LC ebook record available at <https://lcn.loc.gov/2020021789>

The Internet addresses listed in the text were accurate at the time of publication. The inclusion of a website does not indicate an endorsement by the authors or McGraw Hill LLC, and McGraw Hill LLC does not guarantee the accuracy of the information presented at these sites.

