

*Concepts of
Alzheimer Disease*

BIOLOGICAL, CLINICAL,
AND CULTURAL PERSPECTIVES

Edited by

**Peter J. Whitehouse, M.D., Ph.D.
Konrad Maurer, M.D., Ph.D.
and Jesse F. Ballenger, M.A.**

Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives

Anthony S. Fauci



Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives:

Concepts of Alzheimer Disease Peter J. Whitehouse, Konrad Maurer, Jesse F. Ballenger, 2000 The origin of this collection of essays was a 1997 symposium held to celebrate the life legacy and work of Alois Alzheimer who described the disease in 1907 One of the first chapters of the book tells the fascinating story of how the case notes for Alzheimer's article were recently discovered in the archives of his department in Frankfurt In a book focused on the history of Alzheimer's disease we can see the evolution of our concepts of this disease It was described clinically at first and then pathologically In the 1970s and 1980s the disorder was viewed as a neurochemical entity the cholinergic hypothesis Today we consider Alzheimer's disease a genetic disorder related to chromosomes and apolipoprotein E How will we view it in the future

Alzheimer's Disease: A Century of Scientific and Clinical Research G. Perry, J. Avila, J. Kinoshita, 2006-06-26 Traces how the true importance of Alzheimer's disease AD as the major cause of late life dementia ultimately came to light and narrates the evolution of the concepts related to AD throughout the years and its recognition as a major public health problem , **Living with Alzheimer's** Renée L. Beard, 2016-04-26 News of Alzheimer's disease is constantly in the headlines Every day we hear heart wrenching stories of people caring for a loved one who has become a shell of their former self of projections about rising incidence rates and of cures that are just around the corner However we don't see or hear from the people who actually have the disease In *Living with Alzheimer's* Renée L. Beard argues that the exclusively negative portrayals of Alzheimer's are grossly inaccurate To understand what life with memory loss is really like Beard draws on intensive observations of nearly 100 seniors undergoing cognitive evaluation as well as post diagnosis interviews with individuals experiencing late in life forgetfulness Since we all forget sometimes seniors with an Alzheimer's diagnosis ultimately need to be socialized into medicalized interpretations of their forgetfulness In daily life people with the disease are forced to manage stigma and the presumption of incompetence on top of the actual symptoms of their ailment The well meaning public and not their dementia becomes the major barrier to a happy life for those affected Beard also examines how these perceptions affect treatment for Alzheimer's Interviews with clinicians and staff from the Alzheimer's Association reveal that despite the best of intentions pejorative framings of life with dementia fuel both clinical practice and advocacy efforts These professionals perpetuate narratives about self loss impending cures and the economic and emotional burden to families and society even if they do not personally believe them Yet Beard also concludes that in spite of these trends most of the diagnosed individuals in her study achieve a graceful balance between accepting the medical label and resisting the social stigma that accompanies it In stark contrast to the messages we receive this book provides an unprecedented view into the ways that people with early Alzheimer's actively and deliberately navigate their lives **Self, Senility, and Alzheimer's Disease in Modern America** Jesse F. Ballenger, 2006-03-31 Historian Jesse F. Ballenger traces the emergence of senility as a cultural category from the late nineteenth century to the 1980s a period in which Alzheimer's disease became increasingly

associated with the terrifying prospect of losing one's self. Changes in American society and culture have complicated the notion of selfhood. Ballenger finds no longer an ascribed status; selfhood must be carefully and willfully constructed. Thus losing one's ability to sustain a coherent self narrative is considered one of life's most dreadful losses. As Ballenger writes, senility haunts the landscape of the self-made man. Stereotypes of senility and Alzheimer's disease are related to anxiety about the coherence, stability, and agency of the self—stereotypes that are transforming perceptions of old age in modern America. Drawing on scientific, clinical, policy, and popular discourses on aging and dementia, Ballenger explores early twentieth-century concepts of aging and the emergence of gerontology to understand and distinguish normal aging from disease. In addition, he examines American psychiatry's approaches to the treatment of senility and scientific attempts to understand the brain pathology of dementia. Ballenger's work contributes to our understanding of the emergence and significance of dementia as a major health issue.

Dementia Reimagined Tia Powell, 2020-09-01. Now in paperback, the cultural and medical history of dementia and Alzheimer's disease by a leading psychiatrist and bioethicist who urges us to turn our focus from cure to care. Despite being a physician and a bioethicist, Tia Powell wasn't prepared to address the challenges she faced when her grandmother and then her mother were diagnosed with dementia, not to mention confronting the hard truth that her own odds aren't great. In the U.S., 10,000 baby boomers turn 65 every day; by the time a person reaches 85, their chances of having dementia approach 50 percent. And the truth is, there is no cure, and none coming soon, despite the perpetual promises by pharmaceutical companies that they are just one more expensive study away from a pill. Dr. Powell's goal is to move the conversation away from an exclusive focus on cure to a genuine appreciation of care: what we can do for those who have dementia and how to keep life meaningful and even joyful. *Reimagining Dementia* is a moving combination of medicine and memoir, peeling back the untold history of dementia from the story of Solomon Fuller, a Black doctor whose research at the turn of the twentieth century anticipated important aspects of what we know about dementia today, to what has been gained and lost with the recent bonanza of funding for Alzheimer's at the expense of other forms of the disease. In demystifying dementia, Dr. Powell helps us understand it with clearer eyes from the point of view of both physician and caregiver. Ultimately, she wants us all to know that dementia is not only about loss; it's also about the preservation of dignity and hope.

[Science of Caring](#), 2000

The Alzheimer Conundrum Margaret Lock, 2015-10-20. Why our approaches to Alzheimer's and dementia are problematic and contradictory. Due to rapidly aging populations, the number of people worldwide experiencing dementia is increasing, and the projections are grim. Despite billions of dollars invested in medical research, no effective treatment has been discovered for Alzheimer's disease, the most common form of dementia. *The Alzheimer Conundrum* exposes the predicaments embedded in current efforts to slow down or halt Alzheimer's disease through early detection of pre-symptomatic biological changes in healthy individuals. Based on a meticulous account of the history of Alzheimer's disease and extensive in-depth interviews, Margaret Lock highlights the limitations and the

dissent associated with biomarker detection Lock argues that basic research must continue but should be complemented by a public health approach to prevention that is economically feasible more humane and much more effective globally than one exclusively focused on an increasingly harried search for a cure

Mediating Alzheimer's Scott Selberg, 2022-05-24 An exploration of the representational culture of Alzheimer's disease and how media technologies shape our ideas of cognition and aging With no known cause or cure despite a century of research Alzheimer's disease is a true medical mystery In Mediating Alzheimer's Scott Selberg examines the nature of this enduring national health crisis by looking at the disease's relationship to media and representation He shows how collective investments in different kinds of media have historically shaped how we understand treat and live with this disease Selberg demonstrates how the cognitive abilities that Alzheimer's threatens memory for example are integrated into the operations of representational technologies from Polaroid photographs to Post-its to digital artificial intelligence Focusing on a wide variety of media technologies such as neuroimaging art therapy virtual reality and social media he shows how these cognitively oriented media ultimately help define personhood for people with Alzheimer's Media have changed the practices of successful aging in the United States and Selberg takes us deep into how technologies like digital brain training and online care networks shape ideas of cognition and healthy aging Packed with startlingly fresh insights Mediating Alzheimer's contributes to debates around bioethics the labor of caregiving and a national economy increasingly invested in communication and digital media Probing the very technologies that promise to save and understand our brains it gives us new ways of understanding Alzheimer's disease and aging in America

The Diseased Brain and the Failing Mind Martina Zimmermann, 2020-06-25 This book is available as open access through the Bloomsbury Open programme and is available on www.bloomsburycollections.com It is funded by The Wellcome Trust The Diseased Brain and the Failing Mind charts changing cultural understandings of dementia and Alzheimer's disease in scientific and cultural texts across the 20th Century Reading a range of texts from the US UK Europe and Japan the book examines how the language of dementia regarding the loss of identity loss of agency loss of self and life is rooted in scientific discourse and expressed in popular and literary texts Following changing scientific understandings of dementia the book also demonstrates how cultural expressions of the experience and dementia have fed back into the way medical institutions have treated dementia patients The book includes a glossary of scientific terms for non-specialist readers

Recognizing the mannerism ways to get this books **Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives** is additionally useful. You have remained in right site to begin getting this info. get the Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives partner that we offer here and check out the link.

You could buy lead Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives or acquire it as soon as feasible. You could quickly download this Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives after getting deal. So, in the manner of you require the books swiftly, you can straight acquire it. Its thus entirely simple and thus fats, isnt it? You have to favor to in this express

<http://antonioscollegestation.com/files/scholarship/HomePages/Clinton%20Spark%20Tester%20Manual.pdf>

Table of Contents Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives

1. Understanding the eBook Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives
 - The Rise of Digital Reading Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives
 - Advantages of eBooks Over Traditional Books
2. Identifying Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives
 - User-Friendly Interface
4. Exploring eBook Recommendations from Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives
 - Personalized Recommendations
 - Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives User Reviews and Ratings
 - Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives and Bestseller Lists

5. Accessing Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives Free and Paid eBooks
 - Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives Public Domain eBooks
 - Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives eBook Subscription Services
 - Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives Budget-Friendly Options
6. Navigating Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives eBook Formats
 - ePub, PDF, MOBI, and More
 - Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives Compatibility with Devices
 - Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives Enhanced eBook Features
7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives
 - Highlighting and Note-Taking Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives
 - Interactive Elements Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives
8. Staying Engaged with Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives
9. Balancing eBooks and Physical Books Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives
10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
11. Cultivating a Reading Routine Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives
 - Setting Reading Goals Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives
 - Carving Out Dedicated Reading Time
12. Sourcing Reliable Information of Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives
 - Fact-Checking eBook Content of Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives
 - Distinguishing Credible Sources

13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
14. Embracing eBook Trends
 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives Introduction

In the digital age, access to information has become easier than ever before. The ability to download Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives has revolutionized the way we consume written content. Whether you are a student looking for course material, an avid reader searching for your next favorite book, or a professional seeking research papers, the option to download Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives has opened up a world of possibilities. Downloading Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives provides numerous advantages over physical copies of books and documents. Firstly, it is incredibly convenient. Gone are the days of carrying around heavy textbooks or bulky folders filled with papers. With the click of a button, you can gain immediate access to valuable resources on any device. This convenience allows for efficient studying, researching, and reading on the go. Moreover, the cost-effective nature of downloading Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives has democratized knowledge. Traditional books and academic journals can be expensive, making it difficult for individuals with limited financial resources to access information. By offering free PDF downloads, publishers and authors are enabling a wider audience to benefit from their work. This inclusivity promotes equal opportunities for learning and personal growth. There are numerous websites and platforms where individuals can download Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives. These websites range from academic databases offering research papers and journals to online libraries with an expansive collection of books from various genres. Many authors and publishers also upload their work to specific websites, granting readers access to their content without any charge. These platforms not only provide access to existing literature but also serve as an excellent platform for undiscovered authors to share their work with the world. However, it is essential to be cautious while downloading Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives. Some websites may offer pirated or illegally obtained copies of copyrighted material. Engaging in such activities not only violates copyright laws but also undermines the efforts of authors, publishers, and researchers. To ensure ethical downloading, it is advisable to utilize reputable websites that prioritize the legal distribution of content. When downloading Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives,

users should also consider the potential security risks associated with online platforms. Malicious actors may exploit vulnerabilities in unprotected websites to distribute malware or steal personal information. To protect themselves, individuals should ensure their devices have reliable antivirus software installed and validate the legitimacy of the websites they are downloading from. In conclusion, the ability to download Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives has transformed the way we access information. With the convenience, cost-effectiveness, and accessibility it offers, free PDF downloads have become a popular choice for students, researchers, and book lovers worldwide. However, it is crucial to engage in ethical downloading practices and prioritize personal security when utilizing online platforms. By doing so, individuals can make the most of the vast array of free PDF resources available and embark on a journey of continuous learning and intellectual growth.

FAQs About Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives Books

1. Where can I buy Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives books? Bookstores: Physical bookstores like Barnes & Noble, Waterstones, and independent local stores. Online Retailers: Amazon, Book Depository, and various online bookstores offer a wide range of books in physical and digital formats.
2. What are the different book formats available? Hardcover: Sturdy and durable, usually more expensive. Paperback: Cheaper, lighter, and more portable than hardcovers. E-books: Digital books available for e-readers like Kindle or software like Apple Books, Kindle, and Google Play Books.
3. How do I choose a Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives book to read? Genres: Consider the genre you enjoy (fiction, non-fiction, mystery, sci-fi, etc.). Recommendations: Ask friends, join book clubs, or explore online reviews and recommendations. Author: If you like a particular author, you might enjoy more of their work.
4. How do I take care of Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives books? Storage: Keep them away from direct sunlight and in a dry environment. Handling: Avoid folding pages, use bookmarks, and handle them with clean hands. Cleaning: Gently dust the covers and pages occasionally.
5. Can I borrow books without buying them? Public Libraries: Local libraries offer a wide range of books for borrowing. Book Swaps: Community book exchanges or online platforms where people exchange books.
6. How can I track my reading progress or manage my book collection? Book Tracking Apps: Goodreads, LibraryThing, and Book Catalogue are popular apps for tracking your reading progress and managing book collections. Spreadsheets:

You can create your own spreadsheet to track books read, ratings, and other details.

7. What are Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives audiobooks, and where can I find them? Audiobooks: Audio recordings of books, perfect for listening while commuting or multitasking. Platforms: Audible, LibriVox, and Google Play Books offer a wide selection of audiobooks.
8. How do I support authors or the book industry? Buy Books: Purchase books from authors or independent bookstores. Reviews: Leave reviews on platforms like Goodreads or Amazon. Promotion: Share your favorite books on social media or recommend them to friends.
9. Are there book clubs or reading communities I can join? Local Clubs: Check for local book clubs in libraries or community centers. Online Communities: Platforms like Goodreads have virtual book clubs and discussion groups.
10. Can I read Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives books for free? Public Domain Books: Many classic books are available for free as they're in the public domain. Free E-books: Some websites offer free e-books legally, like Project Gutenberg or Open Library.

Find Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives :

[clinton spark tester manual](#)

cmj university phd guide list

clinical psychology and personality the selected papers of george kelly

[elinton-outboard k900 9-0 hp-owners parts manual](#)

[clueless in academe how schooling obscures the life of the mind](#)

[club car turf 2 carryall parts manual](#)

clipper 5 2 power tools w or disk bantam power tools

[cmos integrated analog to digital and digital to analog converters](#)

clio 95 haynes manual

[clinical pharmacokinetics concepts and applications](#)

club car 22110 charger manual

clymer 1985 honda 250es manual

clio r link manual

cma entrance exam study manual 2013

[cnc hmc cutting tools manual](#)

Concepts Of Alzheimer Disease Biological Clinical And Cultural Perspectives :

Lab Equipment Worksheet Answer Key Lovely 9 Best Of ... Lab Equipment Worksheet Answer Key New Laboratory Apparatus Worksheet Answers ... Lab Equipment Worksheet Answer Key Lovely 9 Best Of Chemistry Lab Equipment ... Chemistry laboratory manual answer key: Fill out & sign ... Edit, sign, and share chemistry lab manual answers online. No need to install software, just go to DocHub, and sign up instantly and for free. Chemistry Lab Homework Help & Answers 24/7 Homework Q&A. chemistry lab. answers. Get chemistry lab help — Post your chemistry lab homework questions and get answers from qualified tutors. Solutions Lab Report - Laboratory Activity - Xavion Fletcher ... Instructions: In this laboratory activity, you will investigate how temperature, agitation, particle size, and dilution affect the taste of a drink. Lab Equipment Worksheet Answer Key New ... 9 Best of Chemistry Lab Equipment Worksheet from lab equipment worksheet answer key , image source: www.worksheeto.com. Ap Chemistry Unit 6 Lab Answers - 688 Words Free Essay: Leticia Glass Intro to Chemistry Lab 3 Pre-Lab Questions: 1. What is the importance of significant figures in chemistry? The importance of... Safety in the Chemistry Laboratory by S Equipment — General. • All students must pass the Safety Quiz and sign a Safety Agreement before working in the lab. • State and Federal law require the use of splash ... Ex. 7 Answers .docx - Ex. 7 Answer Sheet- Hands on Labs... 7 Answer Sheet- Hands on Labs Getting Started, Rules for Success, and Lab Kit Safety ... Chemistry: An Introduction to General, Organic, and Biological Chemistry. Lab homework help: get your Lab answers here Search our homework answers. The answer you are looking for might already be there. Wordsworth's Poetry and Prose This Norton Critical Edition presents a generous selection of William Wordsworth's poetry (including the thirteen-book Prelude of 1805) and prose works along ... Milton's Selected Poetry and Prose This Norton Critical Edition of Milton's Selected Poetry and Prose includes "Lycidas"—widely considered the greatest short poem in English—the great tragedy ... John Donne's Poetry: A Norton Critical Edition ... This Norton Edition is the definitive collection of Donne's poetry, and at a decent price. Not only have the poems been based on the best manuscripts but there ... Keats's Poetry and Prose: A Norton Critical Edition ... This edition offers extensive apparatus to help readers fully appreciate Keats's poetry and legacy, including an introduction, headnotes, explanatory ... The Norton Critical Edition of Wordsworth's Poetry and Prose This Norton Critical Edition presents a generous selection of William Wordsworth's poetry (including the thirteen-book Prelude of 1805) and prose works along ... Shelley's Poetry and Prose (Norton Critical Edition) This Second Edition is based on the authoritative texts established by Reiman and Fraistat for their scholarly edition, The Complete Poetry of Percy Bysshe ... WORDSWORTH'S POETRY AND PROSE (FIRST ... WORDSWORTH'S POETRY AND PROSE (FIRST EDITION) (NORTON CRITICAL EDITIONS) [REDSHELF](LIFETIME). Home » E-books & Codes · WORDSWORTH'S POETRY AND PROSE (FIRST ... Wordsworth's Poetry and Prose: A Norton Critical Edition ... This Norton Critical Edition presents a generous selection of William Wordsworth's poetry (including the thirteen-book Prelude of 1805) and prose works along ... Edmund Spenser's Poetry (Norton Critical

Editions ... Edmund Spenser (c. 1552 - 1599) was an important English poet and Poet Laureate best known for *The Faerie Queene*, an epic poem celebrating, through fantastical ... *Marie de France: Poetry* (Norton Critical Editions) 1st edition *Marie de France: Poetry* (Norton Critical Editions) 1st Edition is written by Marie de France and published by W. W. Norton & Company. *The Digital and eTextbook ... Principles of Physics: A Calculus-Based Text, Volume 1* Publisher, Cengage Learning; 5th edition (January 1, 2012) ; Language, English ; Hardcover, 592 pages ; ISBN-10, 1133110274 ; ISBN-13, 978-1133110279. *Principles of Physics: A Calculus-Based Text* PRINCIPLES OF PHYSICS is the only text specifically written for institutions that offer a calculus-based physics course for their life science majors. *Principles of Physics: A Calculus-Based Text, Hybrid* PRINCIPLES OF PHYSICS features a concise approach to traditional topics, an early introduction to modern physics, and integration of physics education ... *Principles of Physics, 5th Edition* - 9781133104261 PRINCIPLES OF PHYSICS is the only text specifically written for institutions that offer a calculus-based physics course for their life science majors. *Principles of Physics: A Calculus-Based Text, Hybrid* - ... PRINCIPLES OF PHYSICS features a concise approach to traditional topics, an early introduction to modern physics, and integration of physics education ... *Principles of Physics: A Calculus-Based Text - 5th Edition* Our resource for *Principles of Physics: A Calculus-Based Text* includes answers to chapter exercises, as well as detailed information to walk you through the ... *Principles of Physics A Calculus Based Text 5th Edition* ... Mar 12, 2023 — 1 Introduction and Vectors. CHAPTER OUTLINE. 1.1 Standards of Length, Mass, and Time. 1.2 Dimensional Analysis. 1.3 Conversion of Units. *Principles of Physics A Calculus-Based Text, Volume 1* | Buy *Principles of Physics* 5th edition ; ISBN-13: 978-1133110279 ; Format: Hardback ; Publisher: Cengage (1/1/2012) ; Copyright: 2013 ; Dimensions: 8.7 x 11.1 x 1 inches. *Principles of Physics: A Calculus-Based Text* Affordable digital textbook from RedShelf: *Principles of Physics: A Calculus-Based ... 5th Edition* by: Raymond A. Serway. PRINCIPLES OF PHYSICS is the only ... *Principles of Physics: A Calculus-Based Text 5th edition* *Principles of Physics: A Calculus-Based Text 5th Edition* is written by Raymond A. Serway; John W. Jewett and published by Cengage Learning.