Wiley e-Book Socialization

UPT Perpustakaan Institut Teknologi Bandung

27 October 2020

WILEY

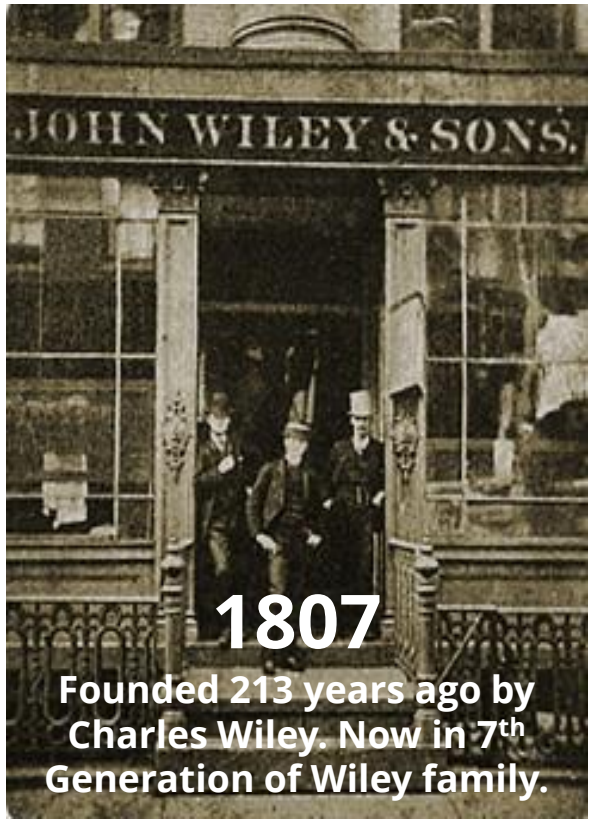
Agenda :

1. Introduction to Wiley
2. e-Book Tutorial Guide
3. e-Book Live Demo
4. Q&A

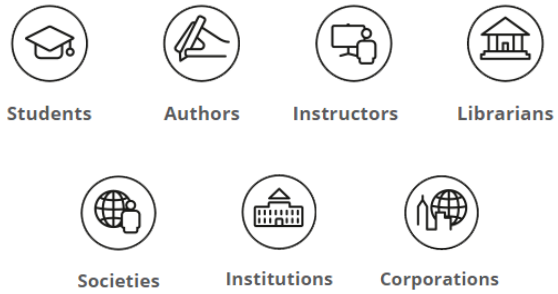
WILEY

1. Introduction to Wiley

Over 200 years of innovation



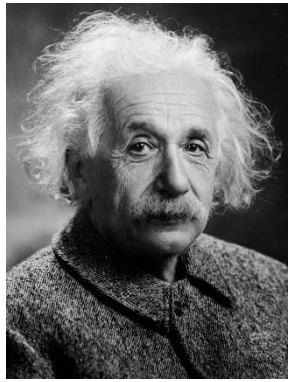
Deep reach into our communities



46 million

Professionals using our training and assessment platforms; **15 million** researchers working with our **1,200** non-profit partners; **222** online program partnerships with 39 universities.

Commitment to quality and impact



500

Nobel Laureates have published in Wiley journals.

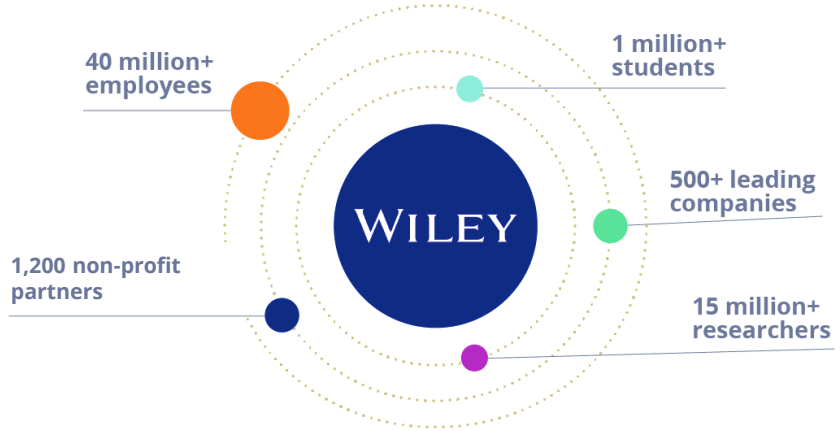
WILEY's Global Presence

For **over 200 years** Wiley has helped individuals and companies around the world succeed through learning and discovery.

200+ years of excellence

5,000+ employees

Globally, our resources support:



WILEY

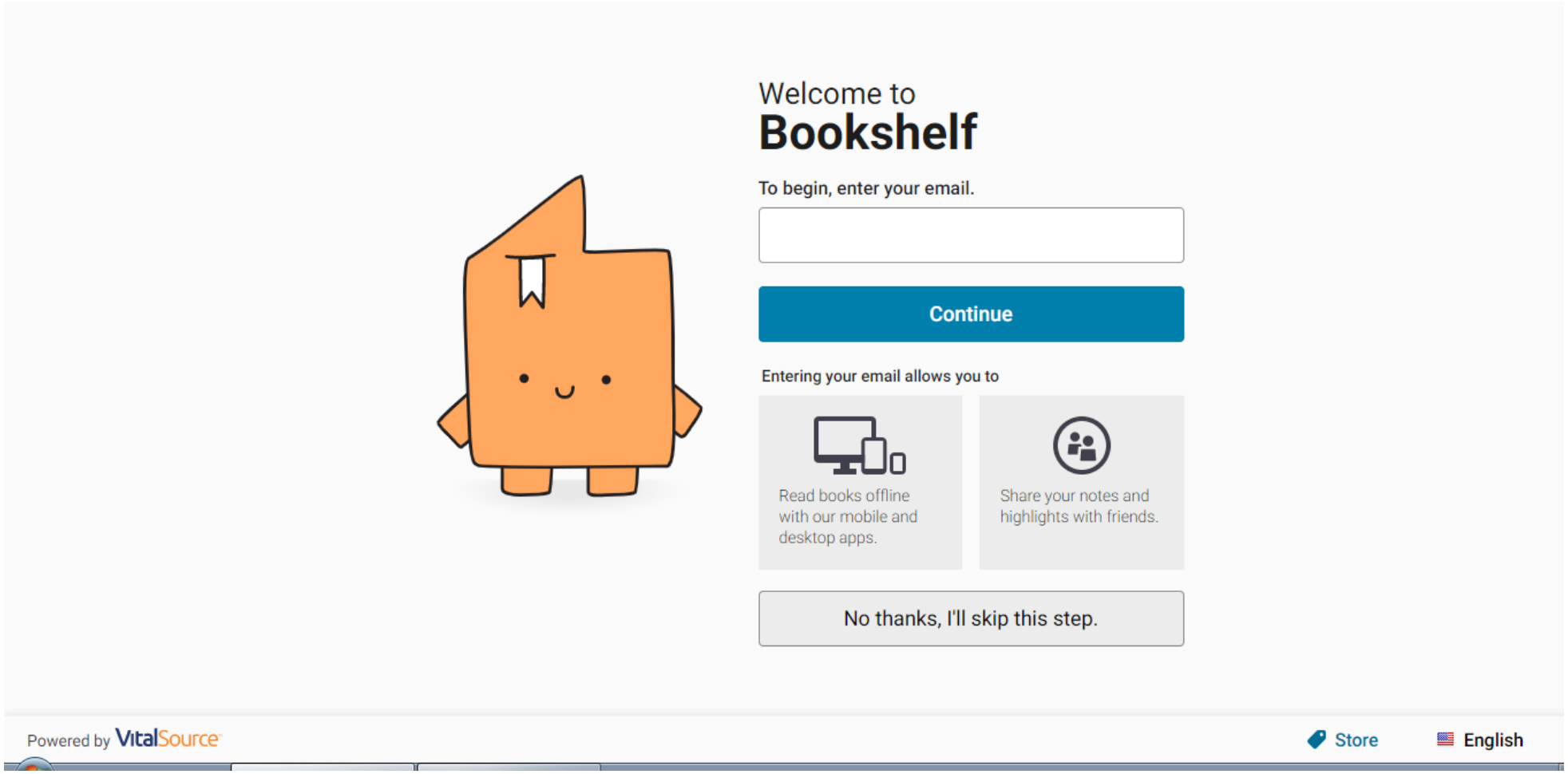
2. e-Book Tutorial Guide

Benefit :

- Search to locate key concepts
- Highlight and colour-code as you read
- Make and share notes with others
- Synchronise notes and highlights across all devices

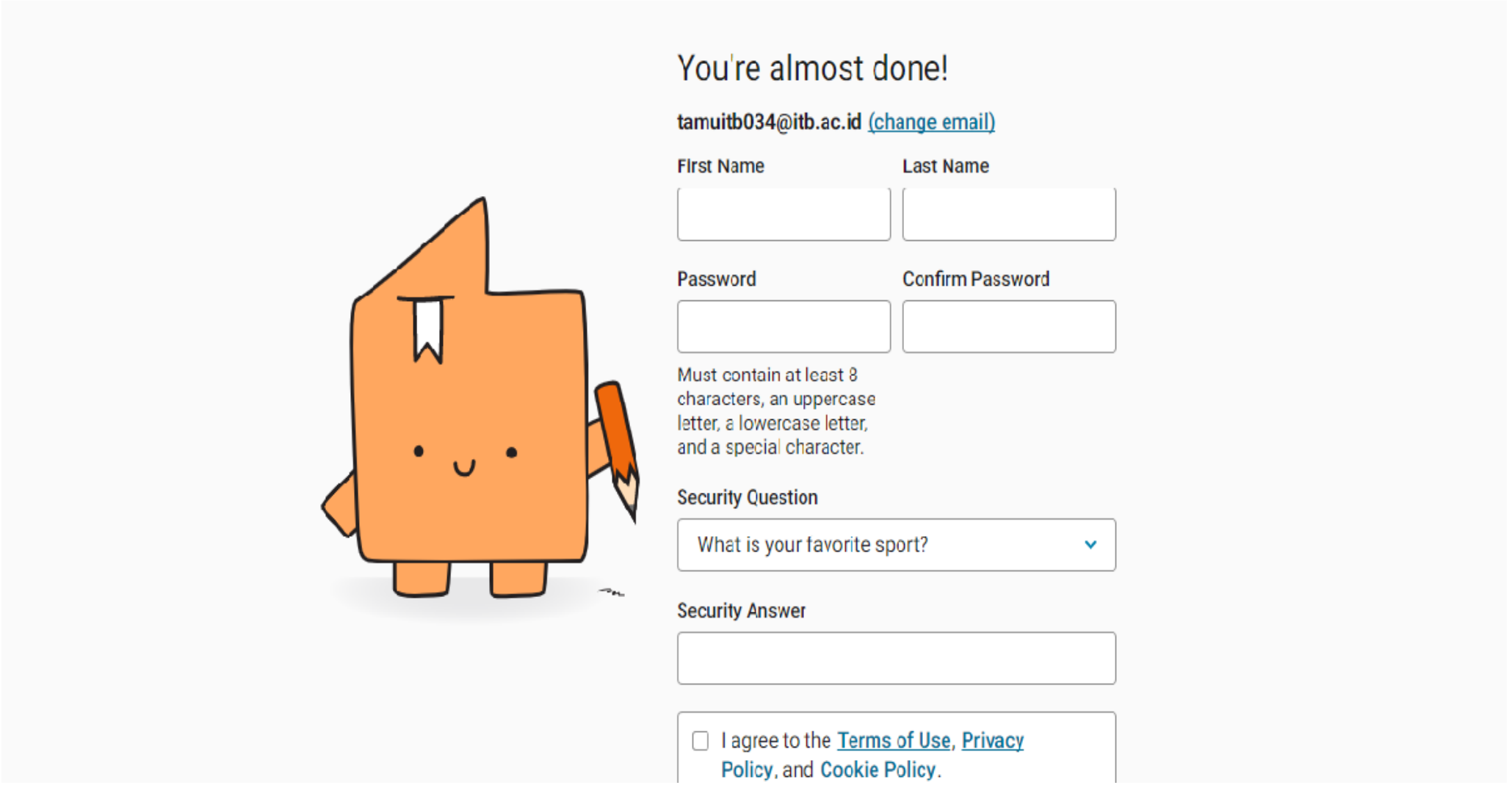
WILEY

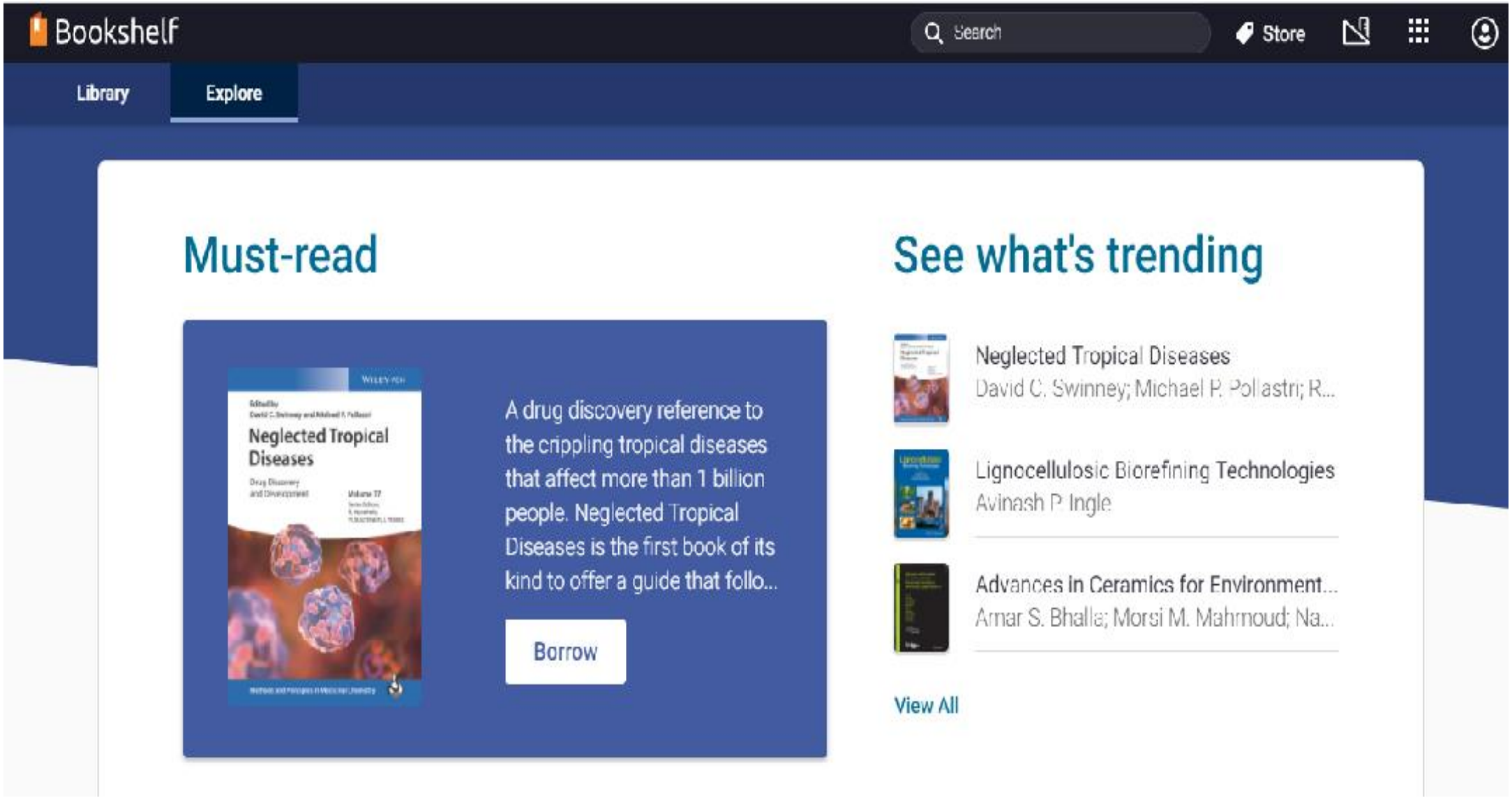
1. Ketik : https://resolver.vitalsource.com/



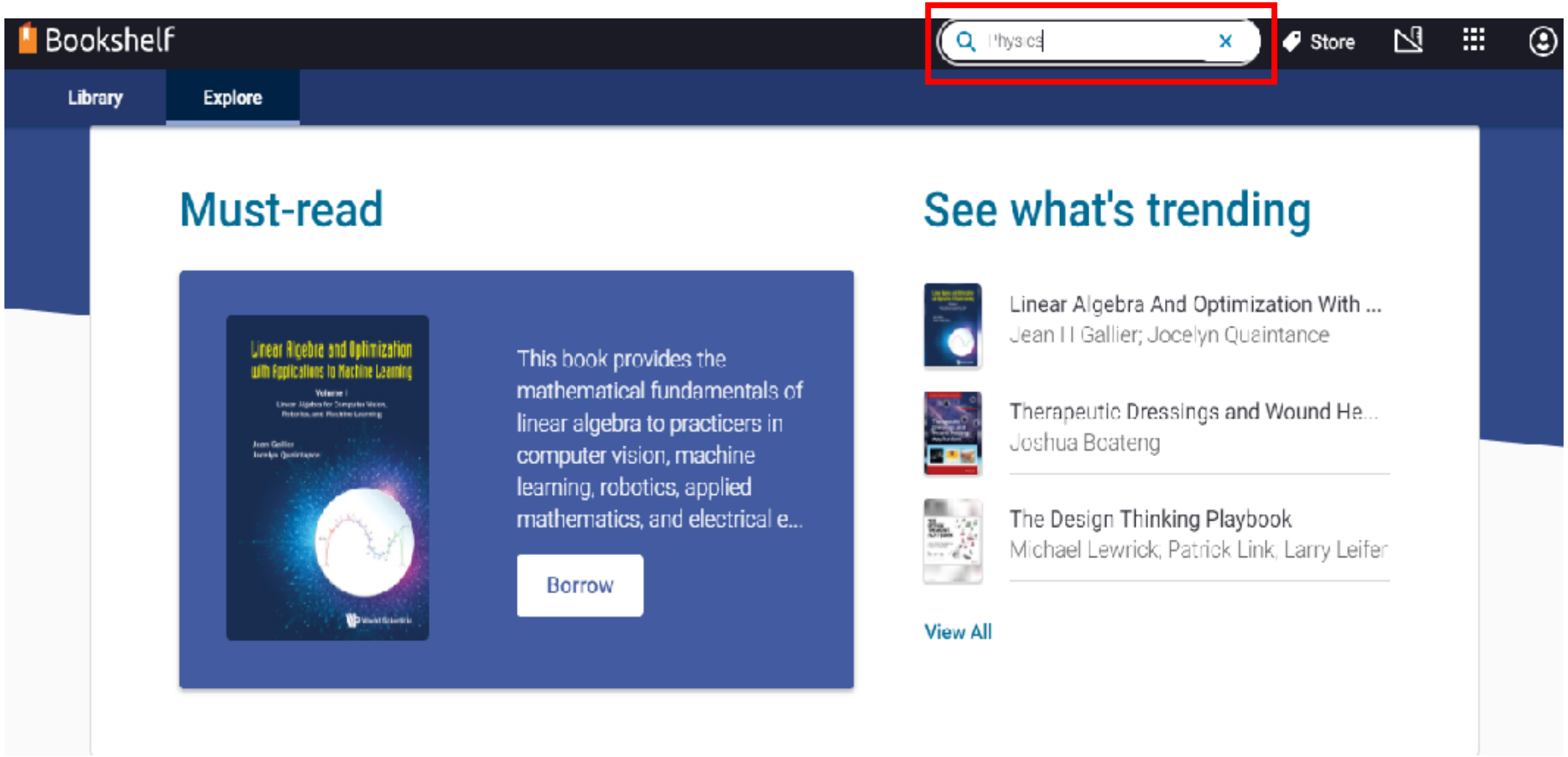
WILEY

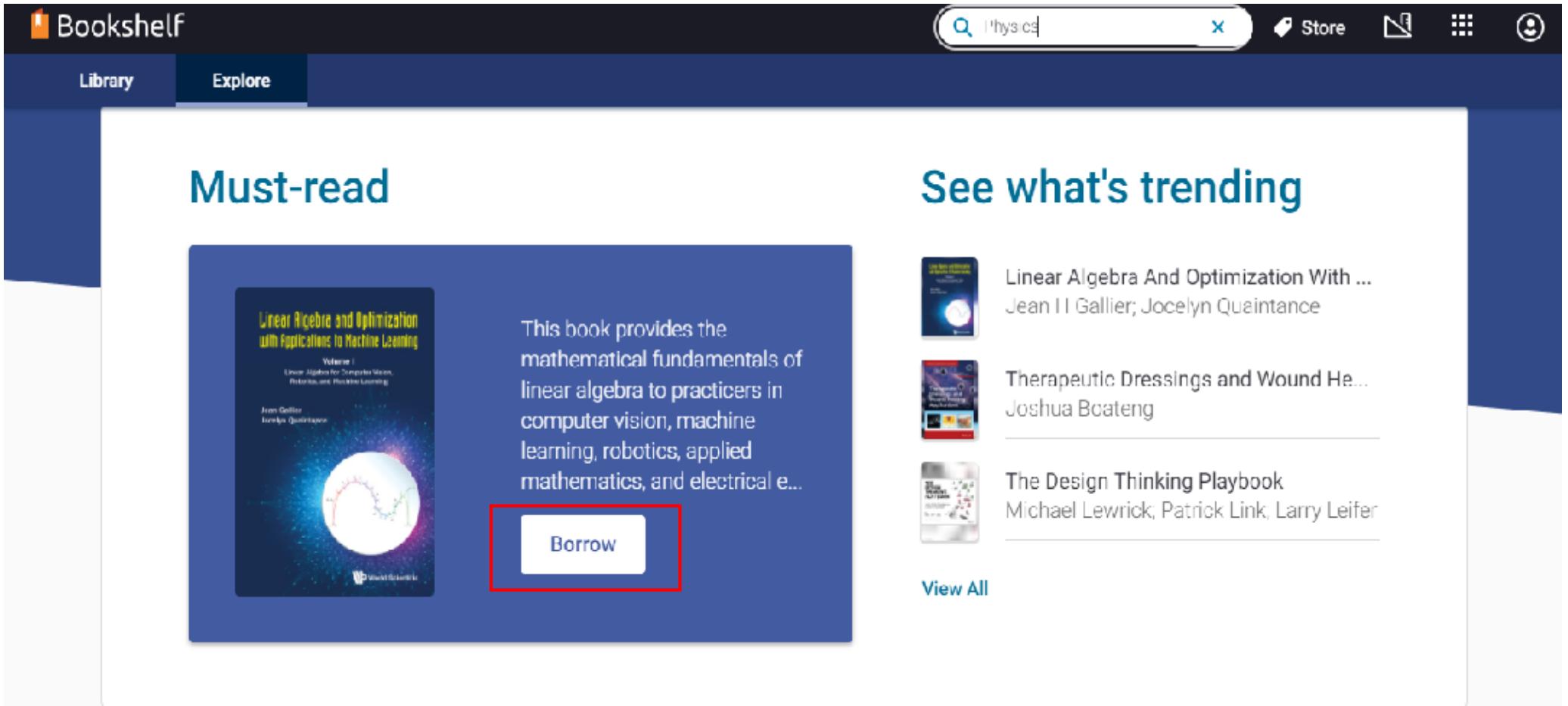
2. Membuat Akun

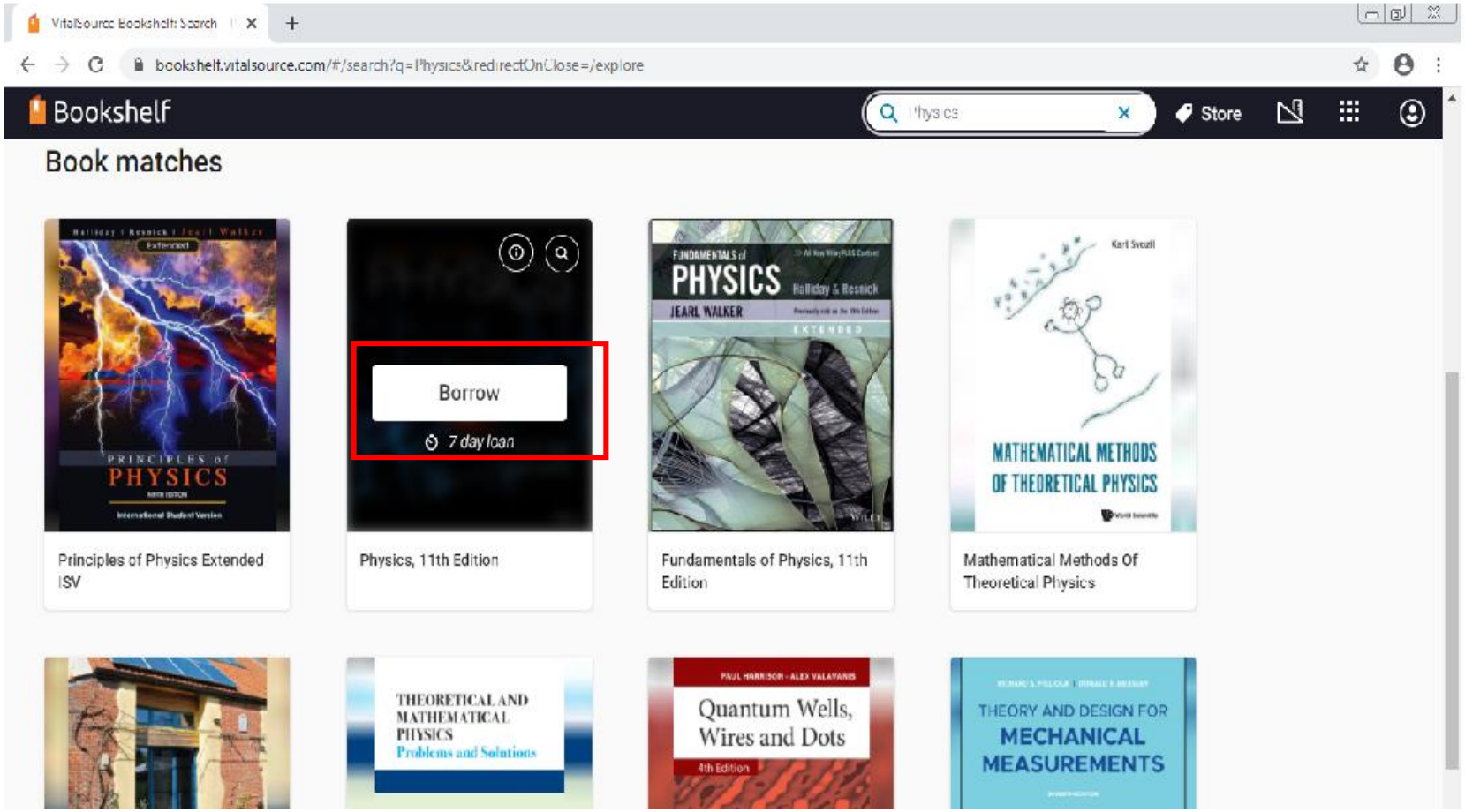


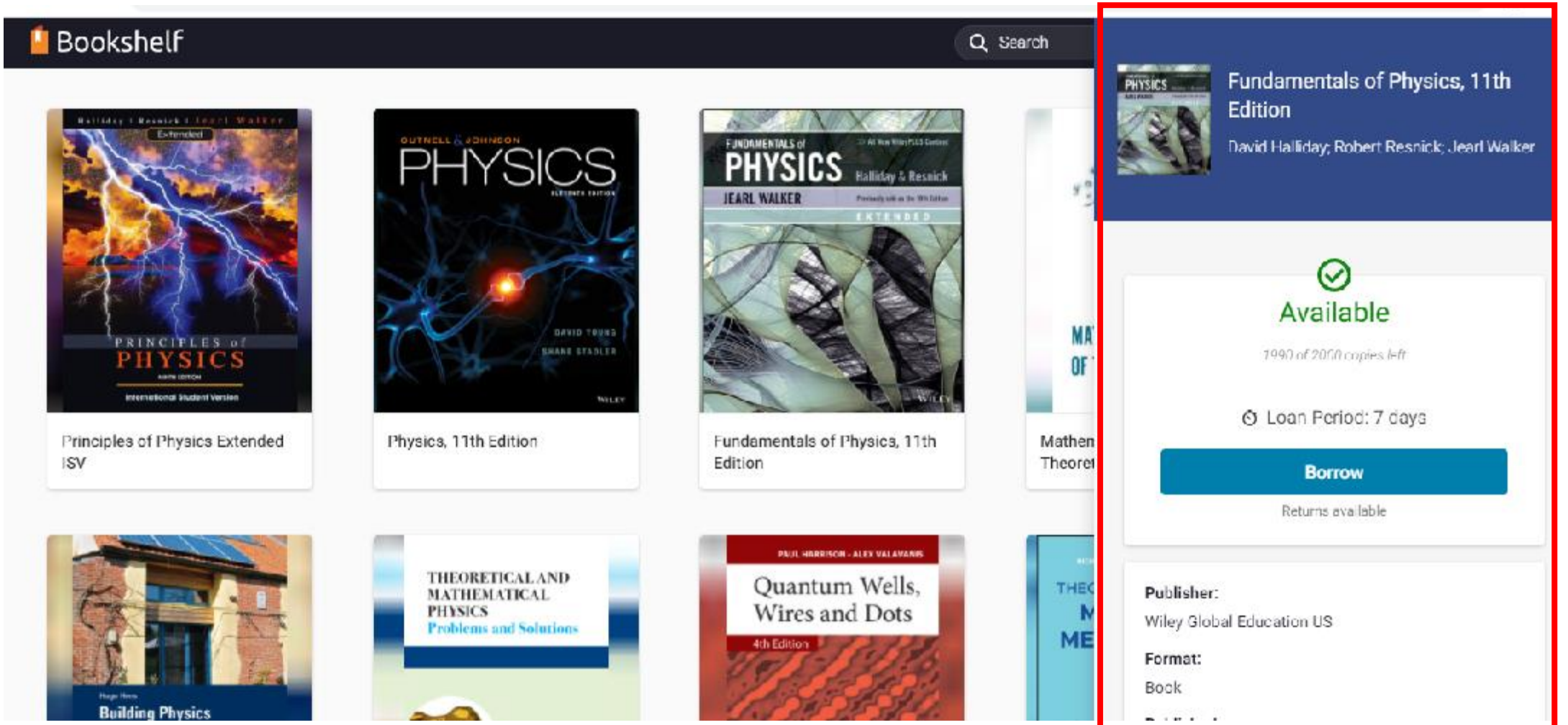

Bookshelf
Search
Store
Library
Explore
Must-read
Neglected Tropical Diseases
A drug discovery reference to the crippling tropical diseases that affect more than 1 billion people. Neglected Tropical Diseases is the first book of its kind to offer a guide that follo...
Borrow
See what's trending
Neglected Tropical Diseases
David C. Swinney; Michael P. Pollastri; R...
Lignocellulosic Biorefining Technologies
Avinash P. Ingle
Advances in Ceramics for Environment...
Amar S. Bhalla; Morsi M. Mahmoud; Na...
View All

1. Searching


Bookshelf
Store
Library
Explore
Must-read
Linear Algebra and Optimization with Applications to Machine Learning
This book provides the mathematical fundamentals of linear algebra to practicers in computer vision, machine learning, robotics, applied mathematics, and electrical e...
Borrow
See what's trending
Linear Algebra And Optimization With ...
Jean H Gallier; Jocelyn Quaintance
Therapeutic Dressings and Wound He...
Joshua Boateng
The Design Thinking Playbook
Michael Lewrick, Patrick Link, Larry Leifer
View All


Bookshelf
Physics
Store
Library
Explore
Must-read
Linear Algebra and Optimization with Applications to Machine Learning
This book provides the mathematical fundamentals of linear algebra to practicers in computer vision, machine learning, robotics, applied mathematics, and electrical e...
Borrow
See what's trending
Linear Algebra And Optimization With ...
Jean H Gallier; Jocelyn Quaintance
Therapeutic Dressings and Wound He...
Joshua Boateng
The Design Thinking Playbook
Michael Lewrick, Patrick Link, Larry Leifer
View All

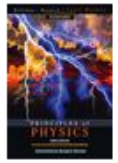

VitalSource Bookshelf: Search
bookshelf.vitalsource.com/#/search?q=Physics&redirectOnClose=/explore
Bookshelf
Physics
Store
Book matches
Borrow
7 day loan
PRINCIPLES of PHYSICS
FUNDAMENTALS of PHYSICS
Halliday & Resnick
JEARL WALKER
EXTENDED
Karl Svozil
MATHEMATICAL METHODS OF THEORETICAL PHYSICS
Principles of Physics Extended ISV
Physics, 11th Edition
Fundamentals of Physics, 11th Edition
Mathematical Methods Of Theoretical Physics
THEORETICAL AND MATHEMATICAL PHYSICS
Problems and Solutions
PAUL HARRISON · ALEX VALAVANIS
Quantum Wells, Wires and Dots
4th Edition
THEORY AND DESIGN FOR MECHANICAL MEASUREMENTS


Bookshelf
Search
Principles of Physics Extended ISV
Physics, 11th Edition
Fundamentals of Physics, 11th Edition
Fundamentals of Physics, 11th Edition
David Halliday; Robert Resnick; Jearl Walker
Available
1990 of 2000 copies left
Loan Period: 7 days
Borrow
Returns available
Publisher:
Wiley Global Education US
Format:
Book

WILEY

Table of Contents

Search TOC



Principles of Physics Extended ISV

9th Edition

David Halliday , Robert Resnick , Jearl Walker

xvi Front Matter

xxii PART 1

304 PART 2

560 PART 3

888 PART 4

CHAPTER 9 CENTER OF MASS AND LINEAR MOMENTUM

9-1 WHAT IS PHYSICS?

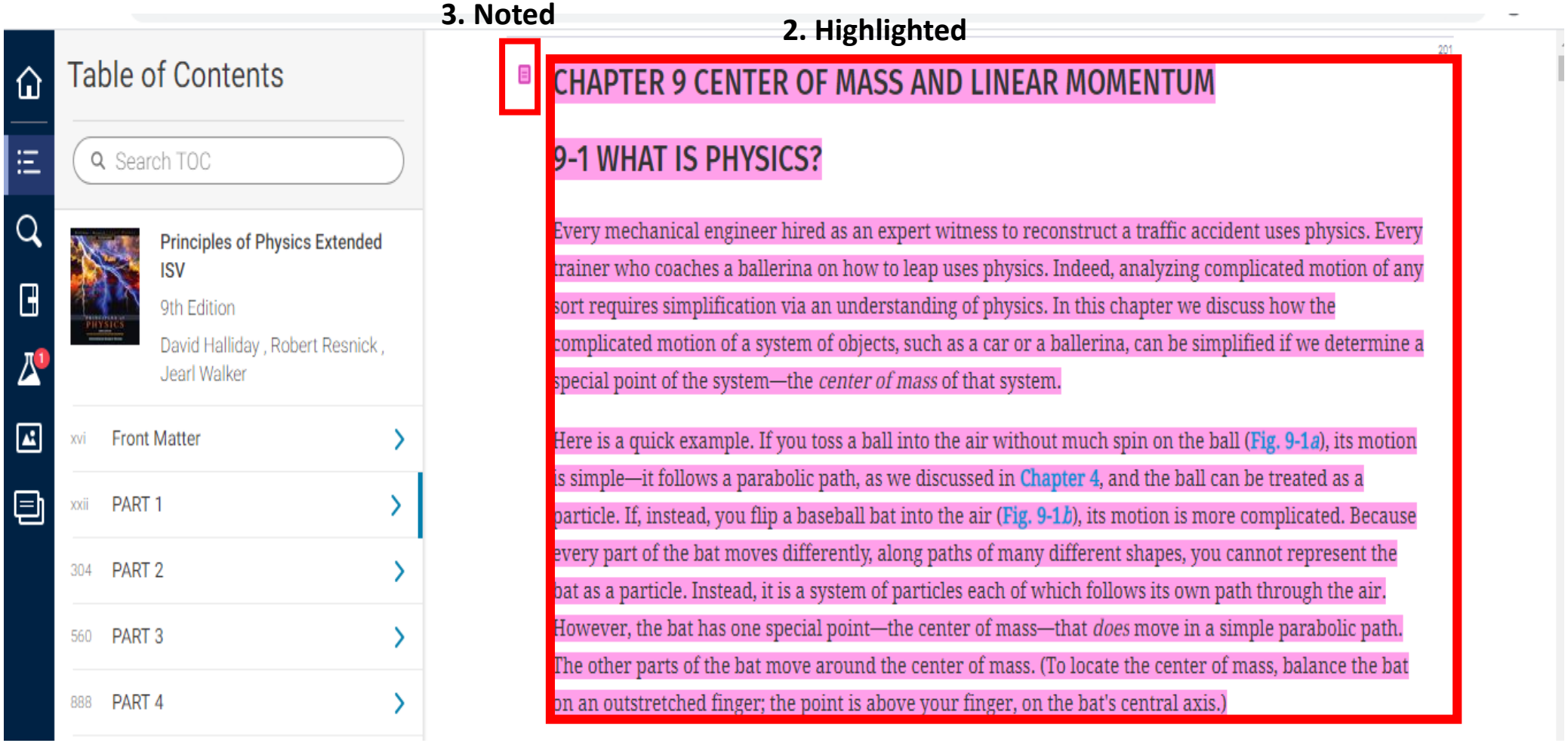
Every mechanical engineer hired as an expert witness to reconstruct a traffic accident uses physics. Every trainer who coaches a ballerina on how to leap uses physics. Indeed, analyzing complicated motion of any sort requires simplification via an understanding of physics. In this chapter we discuss how the complicated motion of a system of objects, such as a car or a ballerina, can be simplified if we determine a special point of the system—the *center of mass* of that system.

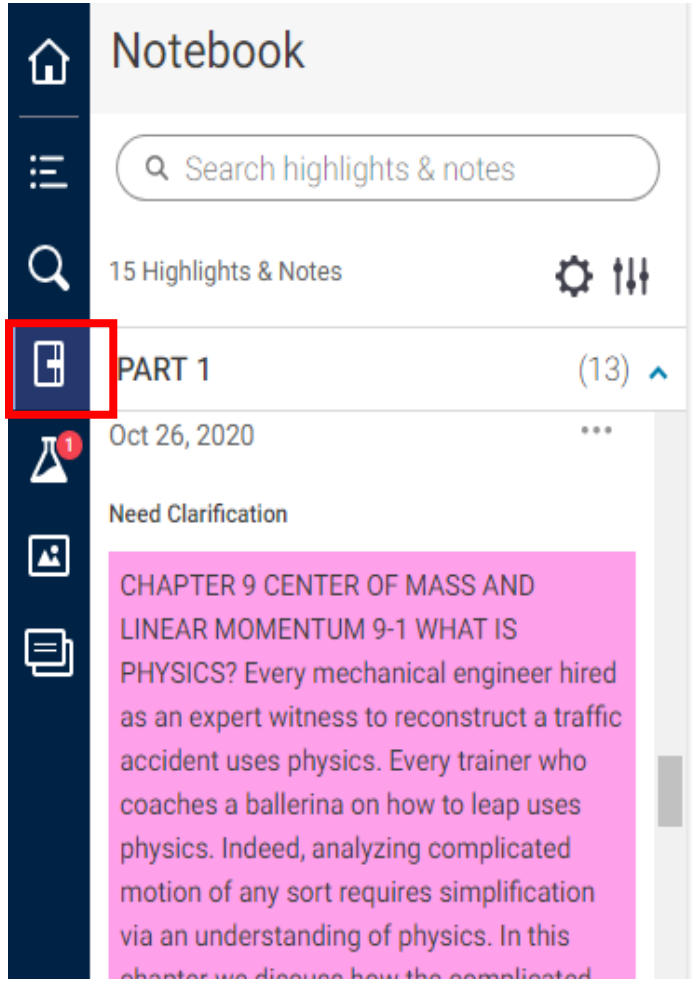
Here is a quick example. If you toss a ball into the air without much spin on the ball (Fig. 9-1*a*), its motion is simple—it follows a parabolic path, as we discussed in Chapter 4, and the ball can be treated as a particle. If, instead, you flip a baseball bat into the air (Fig. 9-1*b*), its motion is more complicated. Because every part of the bat moves differently, along paths of many different shapes, you cannot represent the bat as a particle. Instead, it is a system of particles each of which follows its own path through the air. However, the bat has one special point—the center of mass—that *does* move in a simple parabolic path. The other parts of the bat move around the center of mass. (To locate the center of mass, balance the bat on an outstretched finger; the point is above your finger, on the bat's central axis.)

WILEY

3. Noted

2. Highlighted





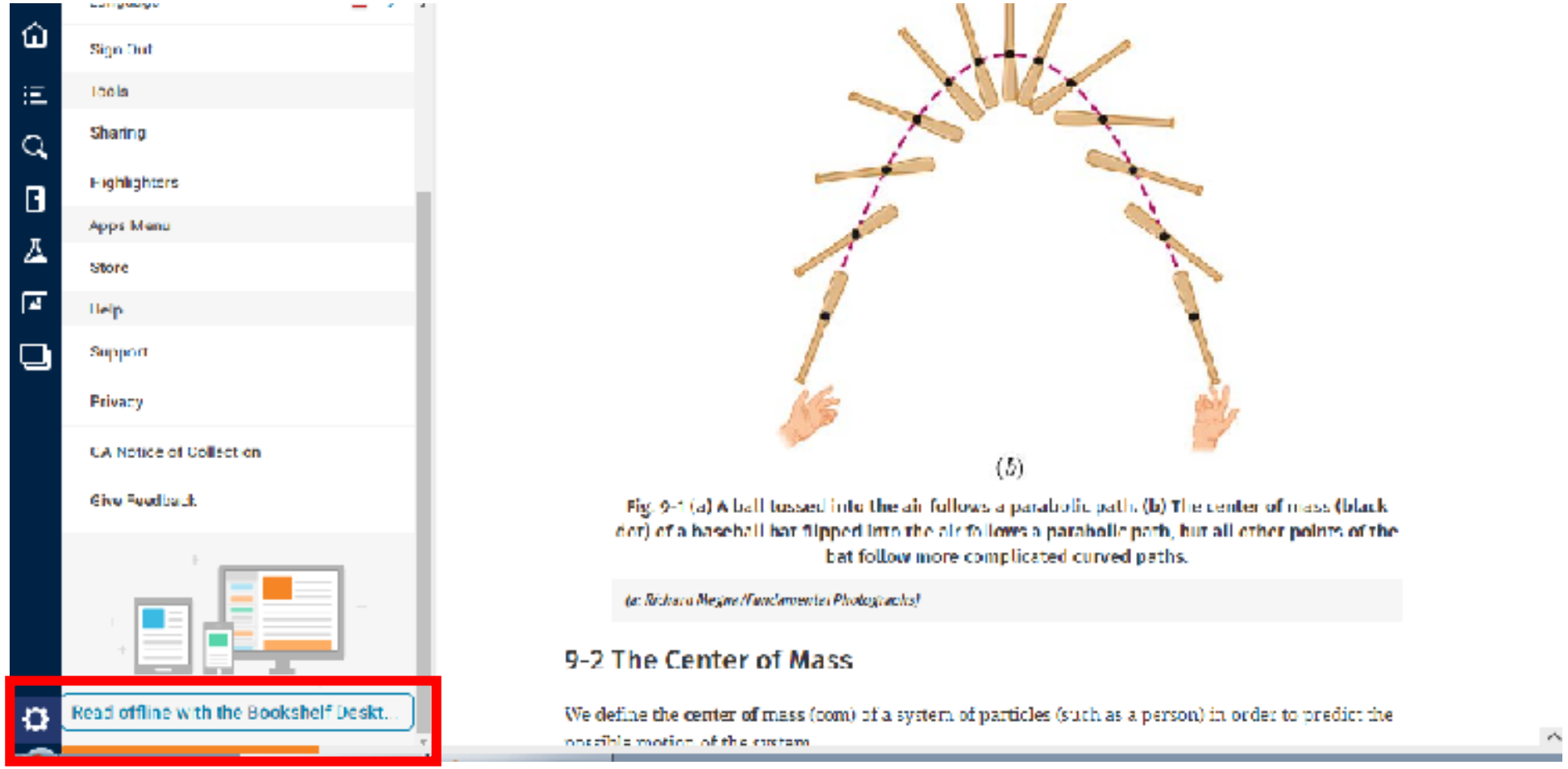
CHAPTER 9 CENTER OF MASS AND LINEAR MOMENTUM

9-1 WHAT IS PHYSICS?

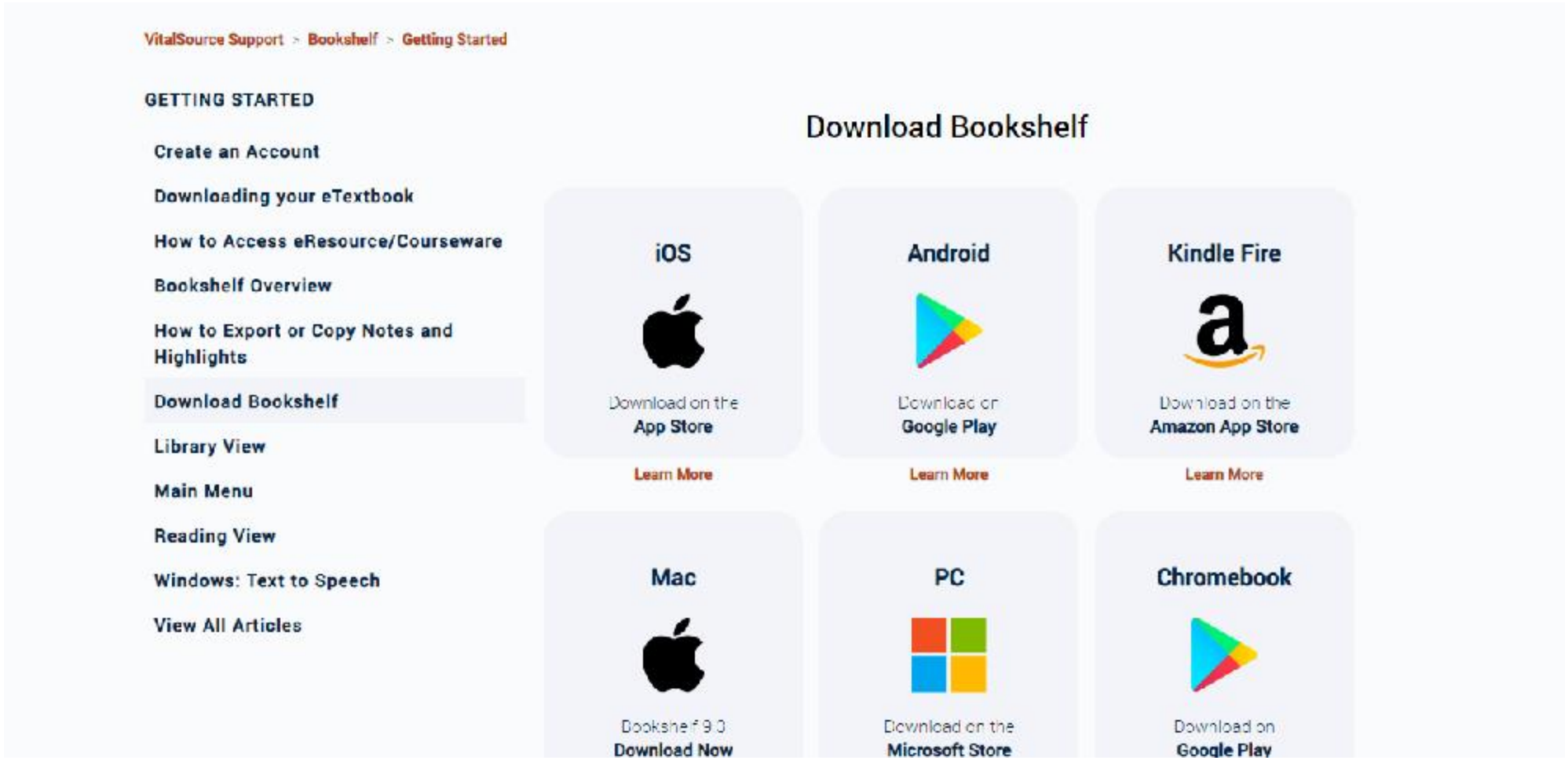
Every mechanical engineer hired as an expert witness to reconstruct a traffic accident uses physics. Every trainer who coaches a ballerina on how to leap uses physics. Indeed, analyzing complicated motion of any sort requires simplification via an understanding of physics. In this chapter we discuss how the complicated motion of a system of objects, such as a car or a ballerina, can be simplified if we determine a special point of the system—the *center of mass* of that system.

Here is a quick example. If you toss a ball into the air without much spin on the ball (Fig. 9-1*a*), its motion is simple—it follows a parabolic path, as we discussed in Chapter 4, and the ball can be treated as a particle. If, instead, you flip a baseball bat into the air (Fig. 9-1*b*), its motion is more complicated. Because every part of the bat moves differently, along paths of many different shapes, you cannot represent the bat as a particle. Instead, it is a system of particles each of which follows its own path through the air. However, the bat has one special point—the center of mass—that *does* move in a simple parabolic path. The other parts of the bat move around the center of mass. (To locate the center of mass, balance the bat on an outstretched finger; the point is above your finger, on the bat's central axis.)

WILEY



4. Read offline


VitalSource Support > Bookshelf > Getting Started
GETTING STARTED
Create an Account
Downloading your eTextbook
How to Access eResource/Courseware
Bookshelf Overview
How to Export or Copy Notes and Highlights
Download Bookshelf
Library View
Main Menu
Reading View
Windows: Text to Speech
View All Articles
Download Bookshelf
iOS
Download on the App Store
Learn More
Android
Download on Google Play
Learn More
Kindle Fire
Download on the Amazon App Store
Learn More
Mac
Bookshelf 9.0 Download Now
PC
Download on the Microsoft Store
Chromebook
Download on Google Play

3. e-Book Live Demo

4. Q & A

Thank you