



# Springer Book Archives

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Europe,

May 2014, Prague

*"Bear in mind that the wonderful things you learn... are the work of many generations, produced by enthusiastic effort and infinite labor in every country of the world. All this is put into your hands as your inheritance in order that you may receive it, honor it, add to it, and one day faithfully hand it to your children."*

--Albert Einstein (a Springer author)

## Springer Book Archives [spring-er-book-ahr-kyvs]

*noun*

- 1 digitization project rendering the term **out-of-print obsolete**; containing previously out-of-print and hard-to-find books dating back to the 1840s
- 2 critical foundational knowledge coming to **SpringerLink**; see also [springer.com/bookarchives](http://springer.com/bookarchives)

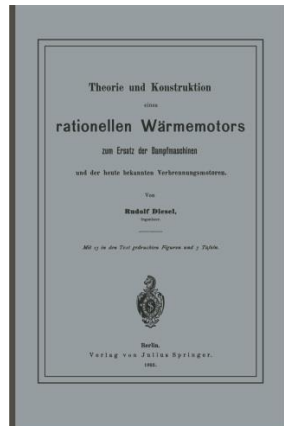
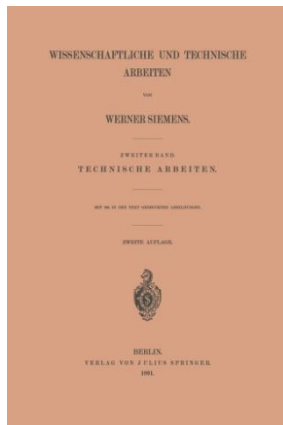
## Outline

- Springer History and Background
- Usage of eBooks
- Introducing Springer Book Archives
- Business Model Springer Book Archives
- Availability
- Summary



## History of Springer's book publishing

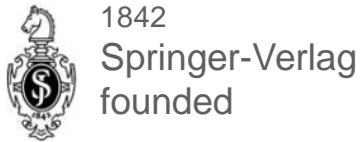
- Springer was founded as a bookseller in Berlin in 1842 and started publishing soon after
- Renowned scientists have published with Springer such as Werner Siemens, and many others including Rudolf Diesel, Werner Siemens, Karl Scheel, Rudolph Virchow and Marie Curie



Springer: More than 165 years of  
publishing

It's like a very good book: chapter after chapter,  
the exciting history of the corporate group  
Springer Science+Business Media unfolds.

# Digitize everything



146,000 articles/yr

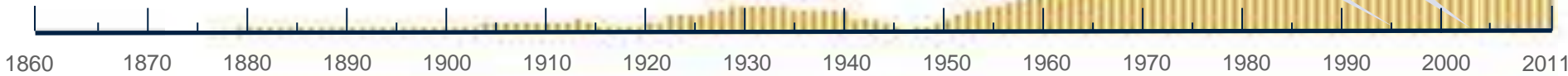
1996

“Digitize all journals going forward!”

2004

“Digitize all journals going backward!”

## Journals



## Books

2006

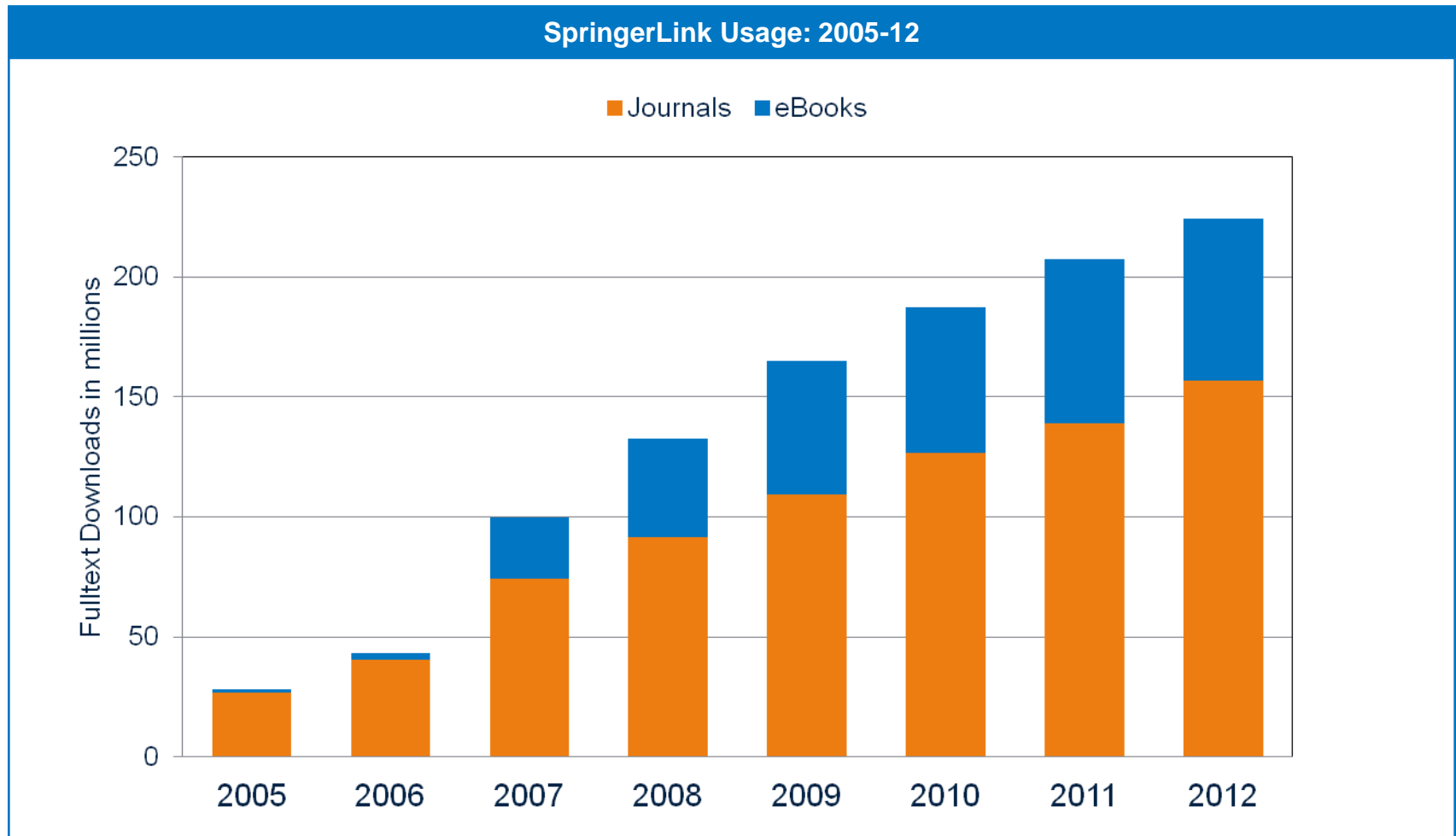
“Digitize most books going forward!”

2011

“Digitize all books going forward and a lot of books going backward!”

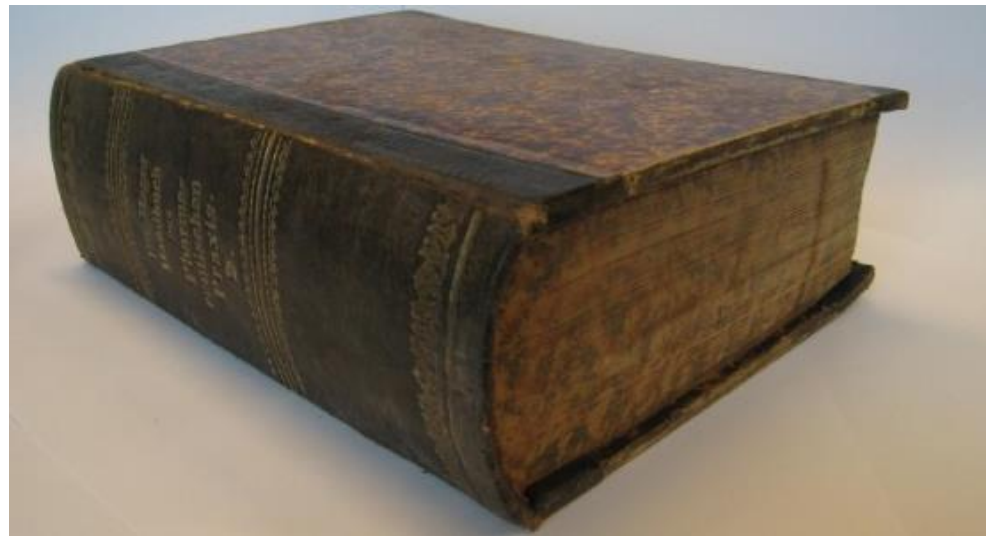
7,000 books/yr

## eBooks already make up a third of SpringerLink usage!



## Why?

- Contemporary eBooks are highly used
- Customers and authors ask when historic titles will become available electronically
- Researchers want primary sources
- Saves warehouse space as well as library shelf space
- Preserve the scholarly record
- Increase sales, usage, availability
- ... **why not?**

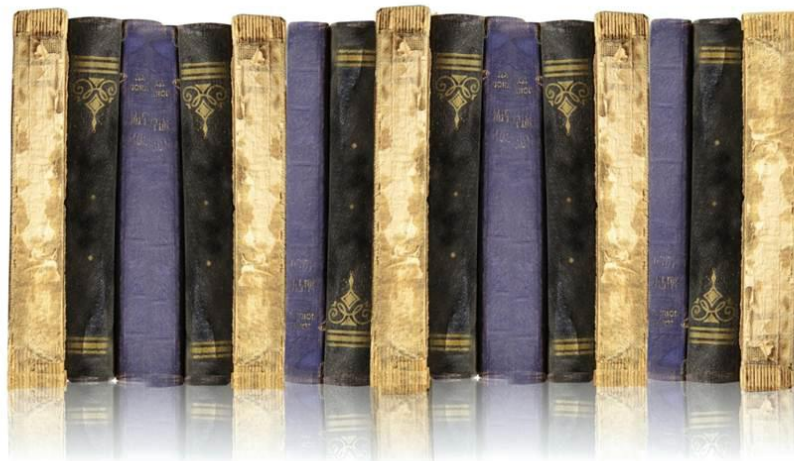


## Introducing Springer Book Archives

- The Springer Book Archives confirms Springer's commitment to the preservation of valuable scholarly content and the online accessibility thereof
- Springer is the only STM publisher currently investing in a 'complete as possible' online book archive of this scope and size

### Springer's ambition:

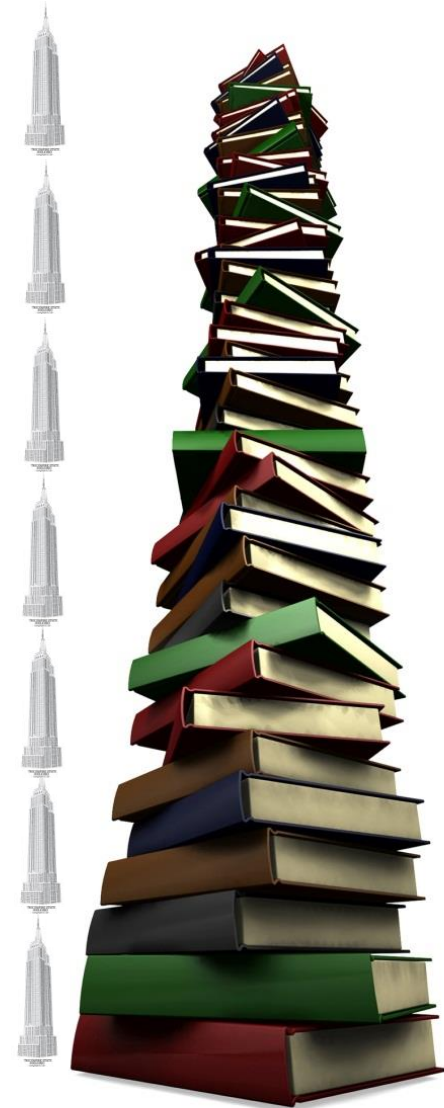
- A digitized book archive of historic titles dating back to the 1840s
- Around 100,000 historic titles included in the archive
- At completion 150,000+ Springer eBooks available on SpringerLink





## Imagine around 100,000 Books

- If stacked one on top of the other, would be ~8,500 feet high
  - Equals 7 times the Empire State Building
- ~35 million pages
- 150,000 authors minimum
- ~1.5 million new DOIs (titles & chapters)



## In a few not-so-easy steps...

Identify

find

rights &  
royalties

scanning  
&  
tagging

make  
(e)book  
available

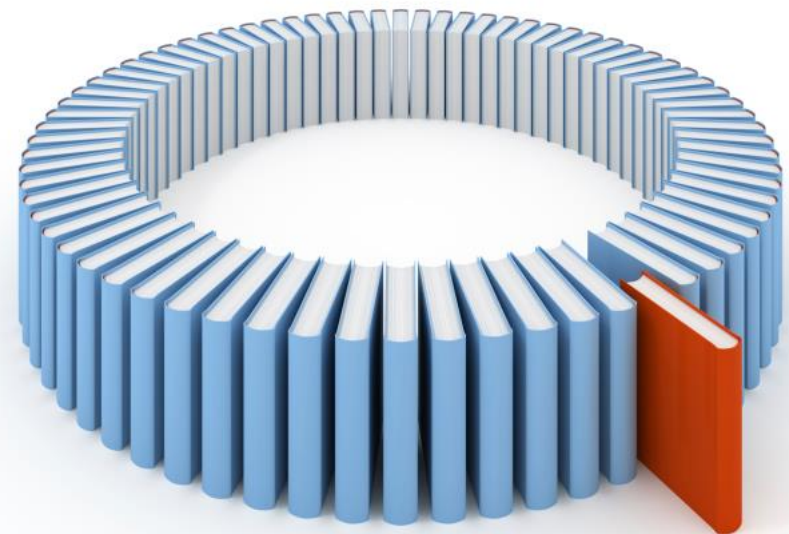
read!



\* In print (on demand) too

## Identifying books

- Goal is to digitize as many as possible books, from all Springer's publishing houses in English and German language
- To be as comprehensive as possible, we did not filter or apply selection criteria to content in advance
- Long inventory list of Springer books created with Springer catalogues and with help of catalogues from national libraries



## Included imprints

- Springer Berlin-Heidelberg:
  - August Hirschwald (integrated into Lange & Springer)
  - Behrend & Co.
  - F.C.W. Vogel
  - Urban & Vogel
  - Spamer
  - Physica-Verlag Heidelberg
  - Steinkopff-Verlag
  - J.F. Bergmann-Verlag
  - Braun-Verlag
- Springer Fachmedien Wiesbaden:
  - Gabler Verlag
  - Dt. Universitäts-Verlag
  - Leske und Buderich
  - Vieweg-Teubner
  - Heinrich Vogel
- B.G. Teubner
- Vieweg Verlag
- Friedr. Viewig & Sohn
- Westdeutscher Verlag
- V.S. Verlag
- Springer Netherlands:
  - Chapman & Hall
  - Kluwer Academic Publishers
  - D. Riedel Publishing Company
  - Martinus Nijhoff
  - W. Junk
- Springer US:
  - Chapman & Hall
  - Kluwer Academic Publishers (Van Nostrand)
  - Plenum US
- Springer New York (Springer Verlag NY):
  - Springer NY
  - Praxis
  - Copernicus
- Springer Vienna
- Springer Basel:
  - Birkhauser Basel (non-architecture)
- Springer London
- Birkhauser Boston
- Bohn Stafleu van Loghum
- Springer Japan
- Humana Press (Springer NY)
- Springer Milan
- Springer Paris
- Current Medicine Group (Springer NY)

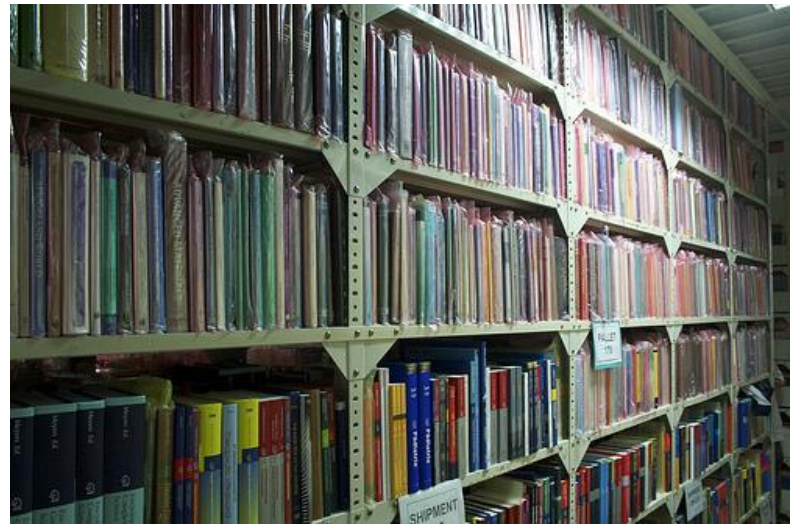
## Completeness

- A retro-digitization project of this size is impossible to complete down to every last title.
- **What is not included:**
  - Most titles that are already digitized (e.g., Landolt Börnstein)
  - Works of imprints sold to other publishers
- **What is included:**
  - 100 top book series -- in all subject areas (English)
  - Contemporary (2004-2000) collection
  - Flagship disciplines, e.g. mathematics



## Finding books

- We have created our own print book archive
  - Containing over 100,000 titles
  - To complete the print archive, we contact antique book shops and national libraries and...
  - We cooperate with libraries on scanning initiatives



## Scanning

- Collection contains historic titles that must be treated with much care
- Not all titles are in mint condition
  - Pages containing pencil under linings, coffee stains and annotations
- Springer strives to make books available in the highest possible quality:
  - Scanning is done with state-of-the-art equipment
  - Each page is digitally cleaned and scanned with text recognition (OCR) to allow for full text searching
  - Each image is scanned separately at various resolutions to achieve the highest possible reproduction quality
  - Non-destructive scanning for rare & fragile books
- Additional quality checks are performed



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## Arzneipflanzen-Merkblätter des Kaiserlichen Gesundheitsamts

bearbeitet in Gemeinschaft mit  
der Deutschen Pharmazeutischen



dem Arzneipflanzen-Ausschuß  
Gesellschaft Berlin = Dahlem.

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### Sammelt Arzneikräuter!

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#### Bärentraubenblätter.

Nr. 2.



Bärentraube. Natürliche Größe.

Die Bärentraube, *Arctostaphylos uva ursi* Sprengel, auch gelegentlich  
Mehlbeere oder Moosbeere genannt, ist ein niedriger, viel verzweigter

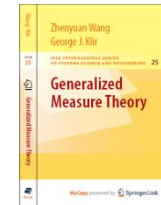
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## Once digitized, books will be available in many formats

- Springer Book Archives project will make titles available as:
  - PDF for softcover print (on demand) including MyCopy
  - PDF for web optimization
  - XML – metadata: base for many output formats, e.g. HTML, ONIX, MARC



## Online Archives Collection

### Product Offering

- **Eleven Subject Collection Journal Packages**
  - Journals will be available in a subject area package
  - Each contains 50-180 journal titles
  - Titles may appear in more than one package
  - All journals from Volume 1, Issue 1 (when available)
- **Exclusions**
  - Journals presently not online
  - Journals that are co-published
  - Journals not printed in English (Journals partially in English *are* included)
  - Journals discontinued prior to 1995

## Online Archives Collection

### Product Offering

- 14 Book Series Archives, including:
  - Advances in Biochemical Engineering/Biotechnology
  - Advances in Polymer Science
  - Advances in Solid State Physics
  - Lecture Notes in Computer Science
  - Lecture Notes in Control and Information Sciences
  - Lecture Notes in Earth Sciences
  - Lecture Notes in Mathematics
  - Lecture Notes in Physics
  - Progress in Colloid and Polymer Science
  - Reviews of Physiology, Biochemistry and Pharmacology
  - Springer Tracts in Modern Physics
  - Structure & Bonding
  - Topics in Applied Physics
  - Topics in Current Chemistry

## Online Archives Collection

### Subject Collection Packages

- Behavioral Sciences
- Biomedical and Life Sciences
- Business and Economics
- Chemistry and Materials Science
- Computer Science
- Earth and Environmental Sciences
- Engineering
- Humanities, Social Sciences and Law
- Mathematics
- Medicine
- Physics and Astronomy



*Note: Journals may be assigned to more than one package*

## Online Archives Collection

### Pricing Structure

- Flexible terms
- One-off payment for subject package
- Package Price related to number of pages
- Springer Online Archives are available as complete subject packages
- Individual articles may be purchased through pay-per-view sales
- Consortia arrangements available

## Key features for librarians

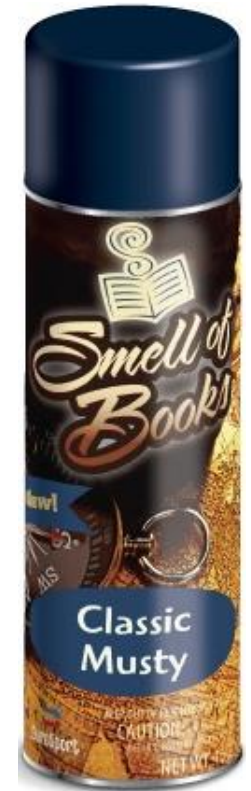
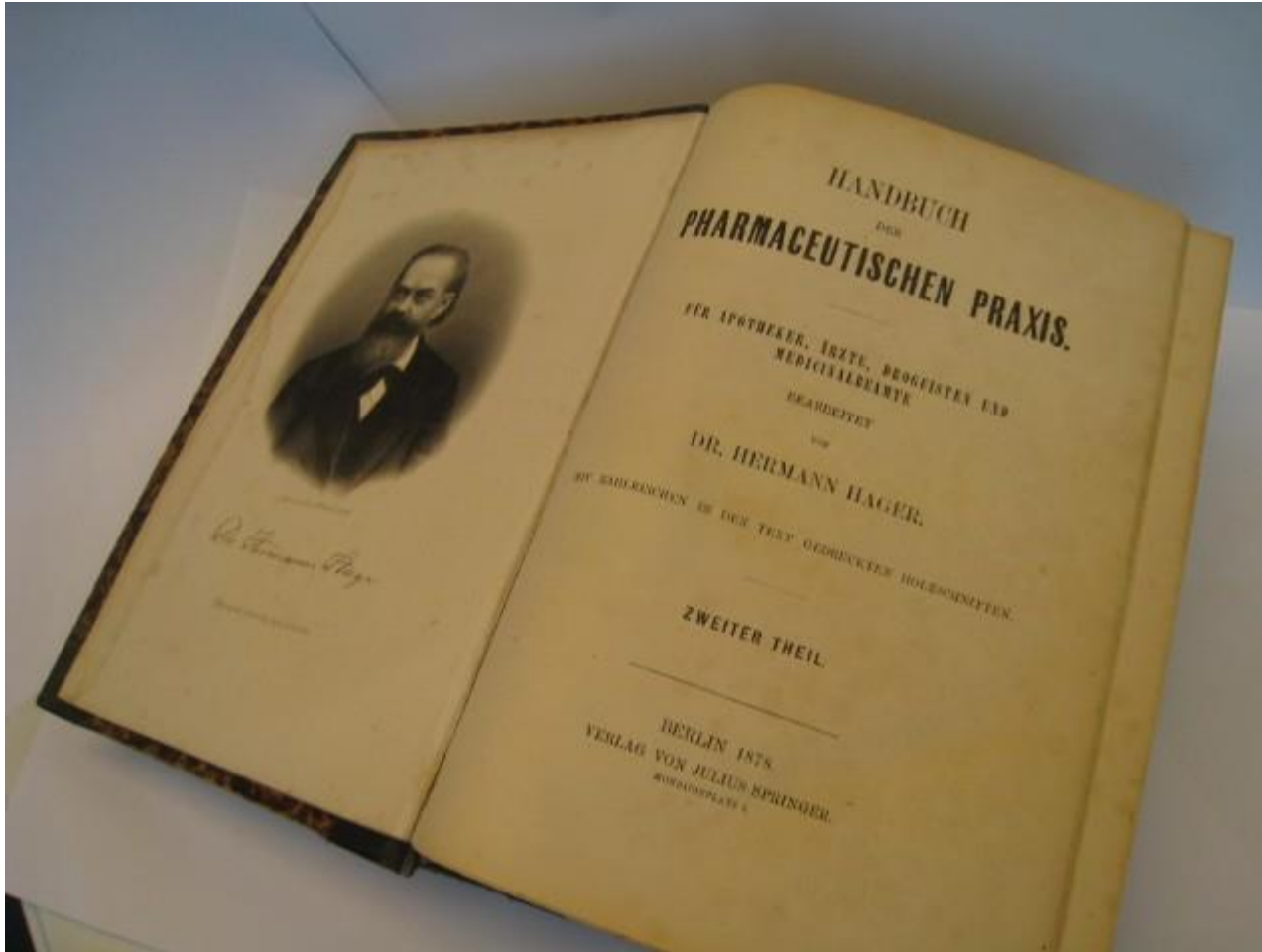
- SBA books will be integrated on SpringerLink
- No DRM, no limit on simultaneous users, printing or downloading allowed
- eReader compatible PDFs
- MARC 21 records available for free: [springer.com/MARC](http://springer.com/MARC)
- Fully searchable by author, article title, keyword, publication.
- Available in chapters
- COUNTER-compliant usage statistics
- MyCopy Available

## Summary

- Springer is creating a large Book Archive - available on SpringerLink
- Content dating from 1842-2004
- As many titles as possible are included in the project and our ambition is to publish over 100,000 eBooks
- Available as one-off purchase with continuous access in German and English packages, priced depending on institution size
- Titles are digitized to high standards and metadata quality is very important
- Springer takes great care to acquire electronic distribution rights



## There is one aspect that can't be recreated online





## Thank You! – Questions?

**Cem Üzüm**

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<http://www.springer.com/bookarchives>