



**Springer**

the language of science

# Springer Book Archives

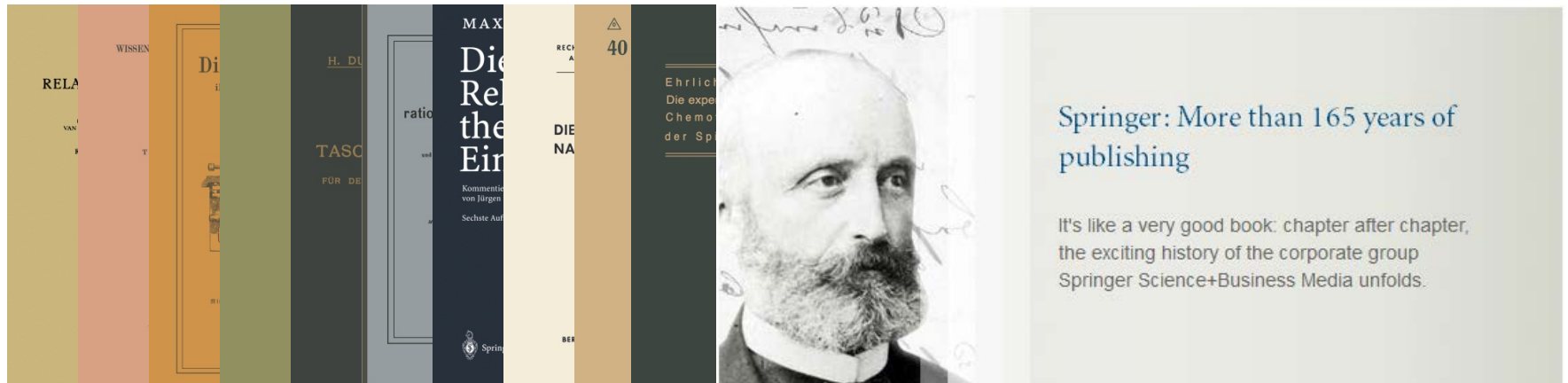
The book will never die

ICADLA-2 Conference – 2011

Presented by: Richard Bennett ([richard.bennett@springer.com](mailto:richard.bennett@springer.com))  
Springer Science+Business Media

## History of Springer's Book Publishing

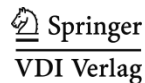
- Springer was founded as a bookseller in Berlin in 1842 and started publishing soon after;
- Renowned scientists have published with Springer such as Albert Einstein, Werner Siemens, and many others including Rudolph Virchow, Max Planck and Marie Curie.



Springer: More than 165 years of publishing

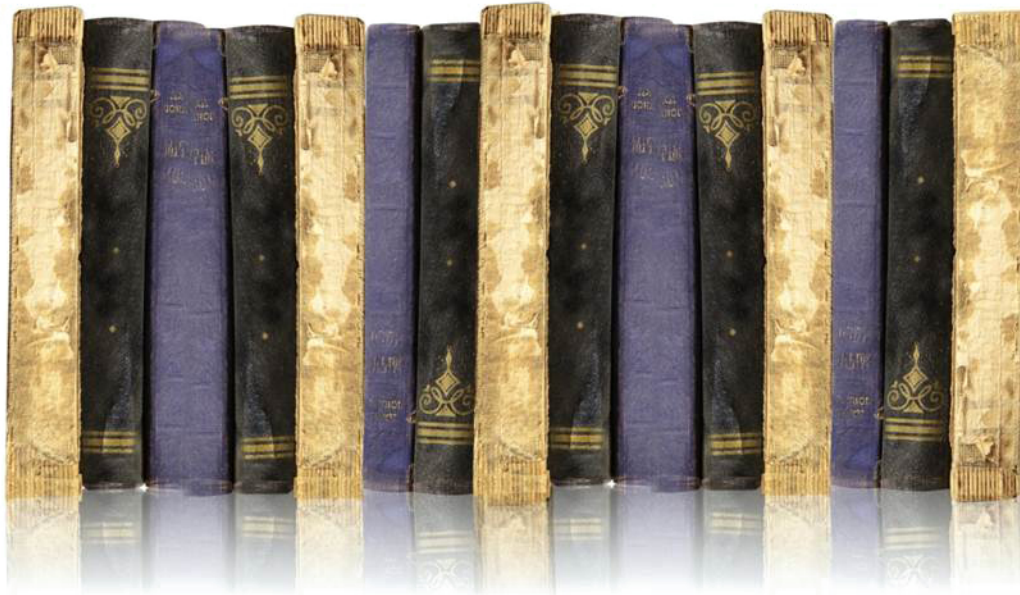
It's like a very good book: chapter after chapter, the exciting history of the corporate group Springer Science+Business Media unfolds.

# Our publishing brands



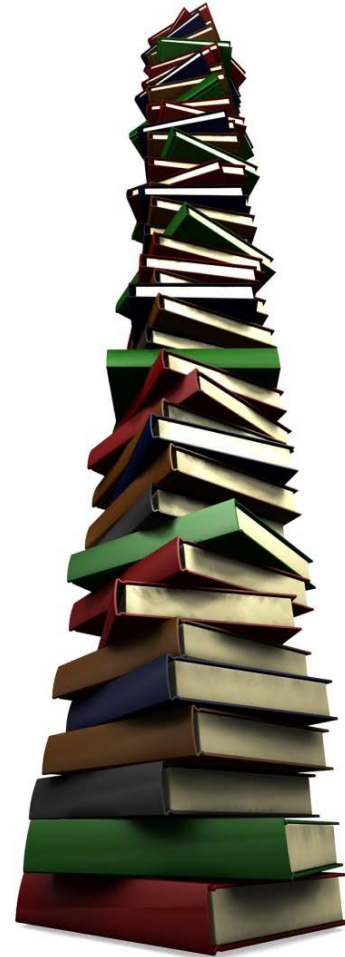
## We proudly present: Springer Book Archives

- A digitized book archive of historic titles dating back to the 1840s;
- At completion over 100,000 Springer eBooks available at SpringerLink;
- The Springer Book Archives confirms Springer's commitment to the preservation of valuable scholarly content and the online accessibility thereof.



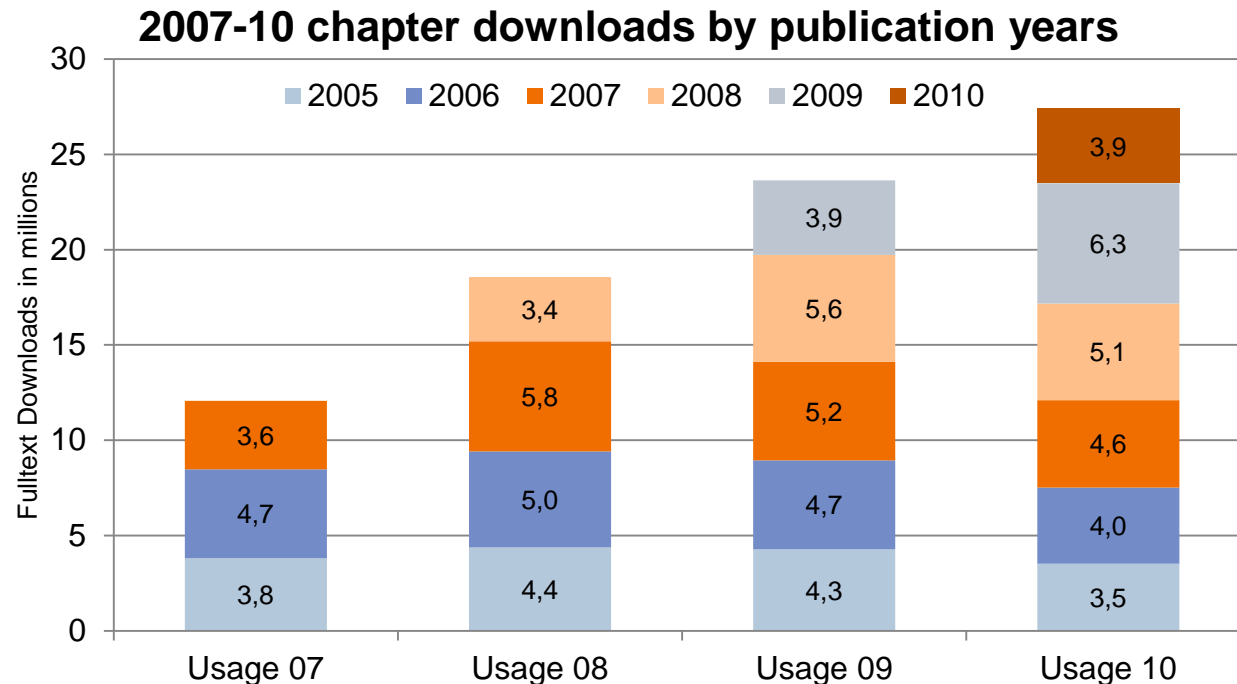
## One hundred thousand books

- If stacked one on top of the other, would be over 2,600 meter high;
- Contain 35 million pages;
- Written by 120,000 authors;
- Registering over 1.3 million new DOIs.



## Value of older scholarly content

- Older journal articles are still used substantial: usage analysis – based on usage statistics of our African customers who have purchased Springer Journal Archives - show that ~ 20% to 25% of total journal usage is from journals articles published at least 15 years ago.
- Older *books* even have better longevity; also their cited half life time is longer than for journals



# Book trip: from title list to reader



## Book trip: from title list to reader

selecting

finding

e-rights

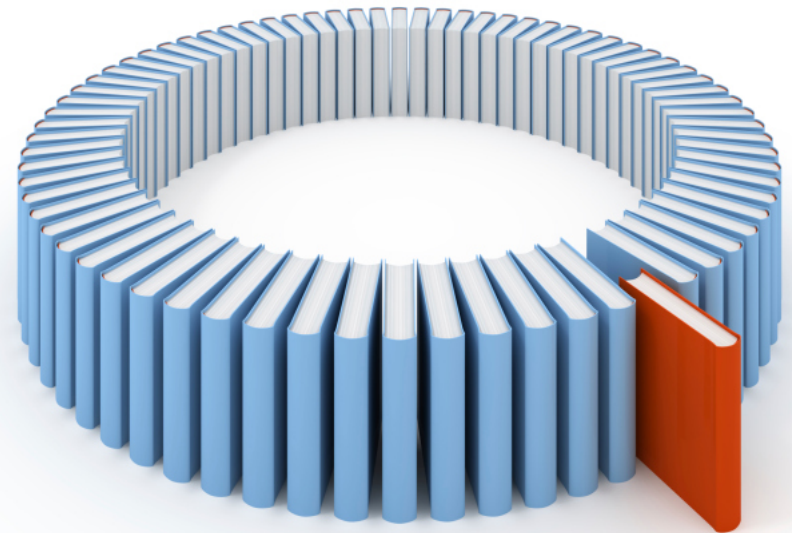
scanning  
&  
tagging

make  
(e)book  
available

reading!

## Selecting books

- Goal is to digitize as many as possible books, from all Springer's publishing houses;
- Actual content was no selection-criterion;
- Long inventory list of Springer books created with help of catalogues from national libraries;
- Only latest edition of a title included.



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## Finding books

- We have created our own print book archive;
  - Containing 50,000 titles
  - To complete print archive, we search antique book shops, national libraries.
- To complete the search for selected titles, a book is borrowed from (national) libraries, e.g. National Library of The Netherlands.



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## Electronic distribution rights

Our mission

*“Springer will do its utmost to find and contact the original authors or copyright holders of a work and ask for the transfer of electronic rights to Springer in order to distribute the books.”*



## Electronic distribution rights

- For some of the books within this project, Springer does not have the electronic distribution rights;
- A special program is in place to find and contact authors or copyright holders;
- A small number of the titles are in the public domain, which are scanned to the same quality standards.

## Find and contact copyright holders

- Many sources are used to find the book contributors, e.g. email lists, societies et cetera;
- Authors are entitled to receive royalties; they can have these paid out or donate to a charity (Research4Life and INASP).



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## Scanning

- Collection contains historic titles that must be treated with much care;
- Not all titles are in mint condition
  - Pages containing pencil stripes 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.



## Metadata extraction

- An eBook is only as good as its metadata;
- Metadata is crucial for discoverability and findability;
- All bibliographic metadata is thoroughly checked, both by automated systems and manually.

### Lecture Notes in Mathematics

Edited by A. Dold and B. Eckmann

320

### Modular Functions of One Variable I

Proceedings International Summer School  
University of Antwerp, RUCA  
July 17–August 3, 1972

Edited by W. Kuyik

<title>

<editors>

<volume number>

<subtitle>

<affiliation>



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## Once digitized: many books formats possible



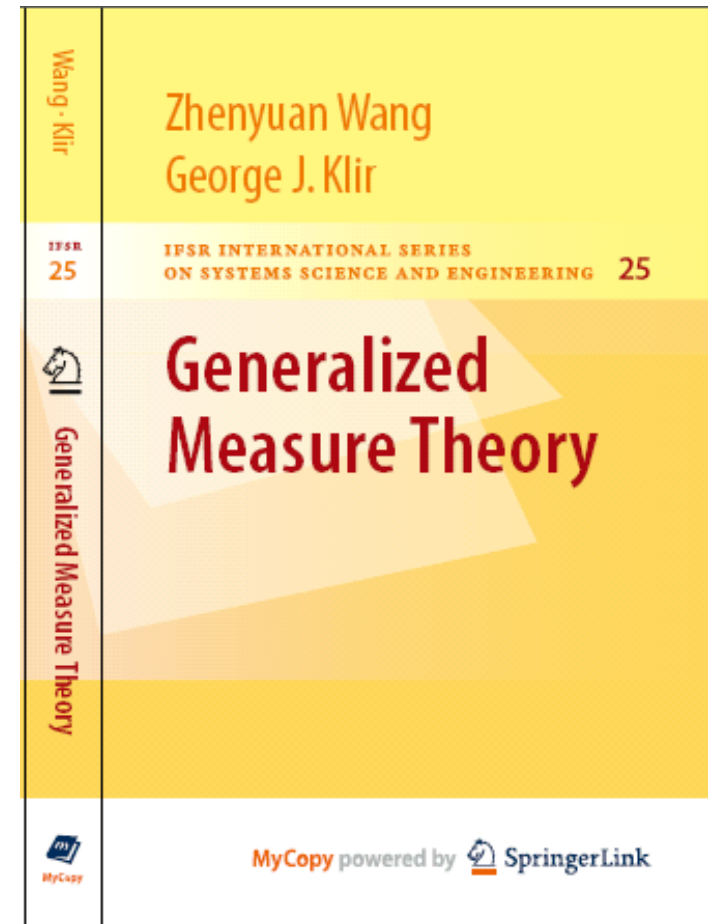
PDF files for  
Print On Demand or  
optimized for web



XML – base for many  
output formats, e.g.  
HTML, ONIX, MARC



ePub – derived from  
XML files, enriched with  
e.g. images



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## Finding and reading our books (I)

Readers should be able to easily find the books using their favorite search method

- Library catalogues – MARC records;
- Search engines, e.g. Google, Bing, Yahoo!;
- Discovery tools or link resolvers.



## Finding and reading our books (II)

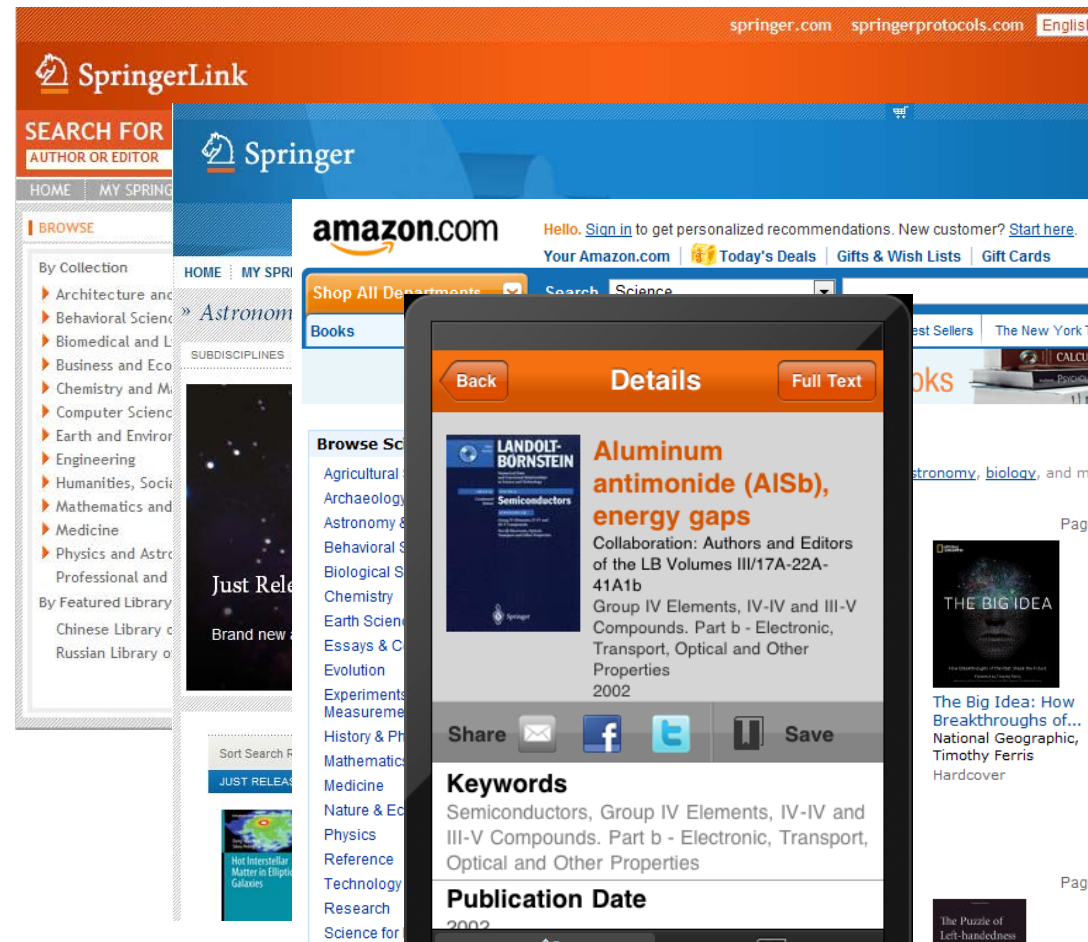
- Books are made available on different platforms

SpringerLink (no DRM)

Springer.com

Resellers

Mobile devices, e.g. eBook readers, tablets and smart phones



The image displays a collage of four screenshots illustrating different platforms for finding and reading books:

- SpringerLink:** A screenshot of the SpringerLink website showing a search bar for "AUTHOR OR EDITOR" and a "BROWSE" menu with various disciplines like Architecture and Behavioral Science.
- Springer.com:** A screenshot of the Springer.com website showing the Springer logo and a search bar.
- Amazon.com:** A screenshot of the Amazon.com website showing the "Books" section and a search bar.
- Mobile Device:** A screenshot of a mobile device displaying the details of a book titled "Aluminum antimonide (AISb), energy gaps" by Landolt-Börnstein. The details include the book's title, authors/editors, and keywords.

## Summary

- Springer is creating a large Book Archives – over 100,000 eBooks available on SpringerLink by end of 2012;
- As many titles as possible are included in the project;
- Titles are digitized to high standards and metadata quality is very important;
- Springer takes greatest care in acquiring the electronic distribution rights and respect author's rights.

**Thank you!**

**More information:**

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