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## Expanding the scholarly research landscape

# SpringerLink

## The world's leading research platform – now faster and more accurate

SpringerLink is Springer's comprehensive online delivery platform, providing easy access to more than 8 million resources in the world's **most complete online collection of STM books, journals, reference works, protocols and databases.**

And now SpringerLink has been reinvented. The new platform, built on the latest technologies, has more sophisticated search and discovery tools, that deliver results with the speed, accuracy and convenience that today's researchers need.

For Libraries, administering the platform is now easier than ever; new practical, management tools enable librarians to manage the platform with minimal effort, freeing them to devote more time to other responsibilities.

## An unparalleled resource for scientific research

The shift to digital content has led to an explosion of accessible information. With this increased availability of digital content, the ability to locate material that is both relevant and trusted is critical. SpringerLink delivers fast, accurate access to the highest quality academic research from Springer, one of the world's leading STM publishers.



## Maximum flexibility and usability with no DRM

Since its inception in 1842, Springer has embodied a commitment to publishing the world's highest quality scientific, medical and technical research. Along the way, Springer has published the work of more than 190 Nobel laureates, including ten of the eleven 2013 winners for Chemistry, Economics, Medicine and Physics. Springer is and has always been 'content led' with a firmly established reputation among librarians and researchers for providing only the highest quality research. And Springer remains committed to the values that make great publishing. Our authors, editors, peer-reviewers and publication processes are among the best in the industry. In short, Springer content is trusted content.

SpringerLink delivers more than 100,000 eBooks and over 2,700 Journals, including some of the many of the world's leading publications. eBooks on the platform include monographs, textbooks, handbooks, atlases, reference works, protocols, book series and lecture notes. SpringerLink is a constantly growing resource with new works added all the time. More than 7,000 new STM books and 2,000 protocols are added every year, and more than 12,000 journal articles every month. In addition, Springer's book series grow as each volume is published and eReferences are updated with the release of each new edition.

## Springer Archives

Also available on SpringerLink are the Springer Archives. The Springer Archives includes previously hard to find journals and now books authored by leading scientists whose work laid the foundations for much of today's scientific understanding. Delivered alongside current online resources, the Springer Archives provides a seamless link from the great works and discoveries of the past to today's leading scientific research.

The Springer Journal Archives currently includes more than 2 million articles from over 1,000 journals, going back to volume 1, issue 1 and, with the completion of the Springer Book Archives project, will have around 100,000 previously hard to find titles.

Springer has a long history of publishing significant books that have helped to train and inform generations of researchers. As part of our ongoing commitment to the scientific community, Springer invested in a major initiative: The Springer Book Archives – around 100,000 high-quality books dating from 2004 back to the 1840s, available on SpringerLink and in print.



*"If I have been able to see farther than others, it was because I stood on the shoulders of giants."*

**Sir Isaac Newton**

## Benefits of SpringerLink

### Improved design and user interface

SpringerLink content is semantically linked to create a vast but navigable network of information. Using SpringerLink's intuitive tools, researchers can easily identify and access additional documents relevant to their search.

### Speed to best facilitate research

Digital delivery, semantic linking and modern search tools have changed the way that research is conducted. Today, researchers typically navigate directly to the pertinent section of a particular work to determine its relevance to their investigation. In this environment, speed matters and SpringerLink is fast. The optimized delivery network facilitates the fastest possible distribution of content across the globe, delivering pages 3 times faster than the previous platform. SpringerLink is faster than its fastest competitor and faster than 65% of all sites on the web. We know that seconds count.

### Improved, library admin tools

SpringerLink's streamlined library administration toolset reduce the time and effort required to manage the platform. Improved, library admin tools include:

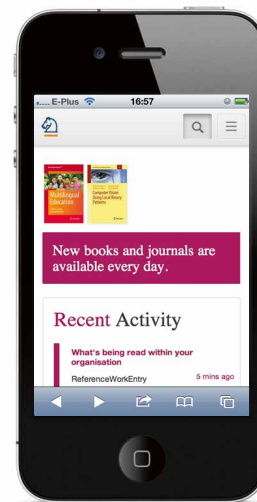
- Easier access to usage stats
- Simplified co-branding tools
- Searching within subscribed content
- Downloadable collections lists

SpringerLink is for everyone, providing maximum flexibility and usability for Library patrons. With no DRM limitations, patrons can easily access their content from any location and on almost any platform.

### Mobile optimized

Mobile optimized responsive design of headers and menus allows for optimal browsing on a desktop, tablet or phone without losing any essential functionality or pushing critical content further down the page.

**Ideal for viewing on any device**



# Subject Areas

Content in each Springer subject area has been carefully pre-selected for its relevance, streamlining the browsing experience for researchers with an interest in a given topic. A rotating set of featured eBooks and eJournals keep researchers up to date with the latest publications in their field.

## Streamlined search and relevant results

Researchers need accurate search results in seconds, but they also need to ensure comprehensive knowledge of developments in their field. SpringerLink search results include related documents from any format. If a new eBook title covers a specific topic, researchers will find it as part of their workflow.

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Learn more about highlighted books and journals

The screenshot displays the SpringerLink homepage with the following sections:

- Springer Link** header with search and navigation links.
- Browse by discipline** list:
  - » Architecture & Design
  - » Astronomy
  - » Biomedical Sciences
  - » Business & Management
  - » Chemistry
  - » Computer Science
  - » Earth Sciences & Geography
  - » Economics
  - » Education & Language
  - » Energy
  - » Engineering
  - » Environmental Sciences
  - » Food Science & Nutrition
  - » Law
  - » Life Sciences
  - » Materials
  - » Mathematics
  - » Medicine
  - » Philosophy
  - » Physics
  - » Psychology
  - » Public Health
  - » Social Sciences
  - » Statistics
- Browse 8,087,559 resources** table:
 

Content Type	Count
Articles	4,898,503
Chapters	2,796,379
Reference Work Entries	359,444
Protocols	33,233
- Providing researchers with access to millions of scientific documents from journals, books, series, protocols and reference works.**
- New books and journals are available every day.**
- Recent Activity** section:
  - What's being read within your organisation**
    - Besprechungen** (1 min ago): David F.J. Campbell, Christian Schaller (Hg.): Demokratiequalität in Österreich. Zustand und Entwicklungsperspektiven. Politische Vierteljahresschrift, December 2002.
    - OriginalPaper** (5 mins ago): Static and dynamic fibroblast seeding and cultivation in porous PEO/PBT scaffolds. Journal of Materials Science: Materials in Medicine, December 1999.
    - IV. Nachrichten und Mitteilungen** (5 mins ago): Preisverleihungen der Deutschen Gesellschaft für Soziologie 2002. KZfSS Kölner Zeitschrift für Soziologie und Sozialpsychologie, December 2002.
- Featured Journals** section showing covers for:
  - CANCER JOURNAL
  - Evolving Systems
  - Transactions
  - Food Biophysics
- Featured Books** section showing covers for:
  - Confocal Microscopy
  - Integration
  - die Politische Bedeutung und die Applikation des
  - Compressed Data Structures for Strings

## To speed up their day-to-day research on SpringerLink researchers can:

- Use auto suggest for search terms
- Download content directly from the search results
- Read a two-page preview directly from the search results
- Use filters to make their results even more accurate

In addition to the technology improvements on the backend, the SpringerLink homepage has also been given a cleaner, simpler design. The new search results page makes it even easier to navigate to the most popular options, enabling users to jump straight to an abstract or immediately download the full text of a document.

SpringerLink allows researchers to set the search parameters so that they only see content they can access. This eliminates the frustration felt when users are presented with content they cannot immediately access and refines the search results to the available content.



## Library Administration Tools

Throughout the development of the new platform, Springer consulted librarians to understand which library tools were essential and how they could be improved.

Easy access to real time COUNTER compliant usage statistics is vital. In an environment where librarians are increasingly resource constrained, the ability to justify expenditures with accurate usage data is crucial. By providing accurate, accessible usage data, SpringerLink gives librarians the information they need to make more intelligent content purchase decisions and to demonstrate the value of the library collection.

With SpringerLink, librarians can upload their institutional logo for a more clearly co-branded site that gives confidence to end-users. Co-branding unobtrusively reminds users of the value of the library; it's their library that has delivered the vital information they are reading.

Downloadable lists of collections allow for more transparency in day-to-day collection management and quicker answers to patron enquiries. And the ability to restrict search results to library owned content drives usage of that content and provides patrons a simpler route to the information they need.

The screenshot shows the SpringerLink Admin Dashboard. At the top, there's a header with the SpringerLink logo, a search bar, and navigation links for Home, Admin Dashboard, and Contact Us. Below the header, there's a section titled "Admin Dashboard" with a horizontal menu containing links for Entitlements, Deposit Contracts, COUNTER reports, Member list, IP ranges, and Settings. The "Entitlements" link is selected. Below this, there's a section titled "Your Entitlements" with a brief description and links for "Report a problem" and "Contact your sales representative". At the bottom, there's a box with a link for "Springer Affiliates" and links for "COUNTER reports" and "Member list".

## Look Inside

SpringerLink's Look Inside feature gives researchers and librarians alike access to the first two pages for each chapter or article of any eBook or journal. This allows researchers gauge the value and relevance of the title before they make a download decision. The Look Inside feature has been augmented to include eJournals and other content types.

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### Nonmyopia and incentives in the piecewise linearized MDP procedures with variable step-sizes

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**Abstract** The paper formulates a piecewise linearized version of the procedure developed by Sato (1983) and analyzes its properties. In so doing, Fujigaki's (1981) private goods economy is extended to involve a public good; and the intertemporal game of Champsaur and Laroque is piecewise localized by dividing the time interval in their game and by using variable step-sizes to formalize the piecewise linearized procedure, called  $\lambda$ MDP Procedure, that can possess similar desirable properties shared by continuous-time procedures. Under Nonmyopia assumption, each player's best reply strategy at any discrete date is to reveal his/her anticipated marginal rate of substitution for a public good at the end of a current time interval of the  $\lambda$ MDP Procedure.



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