

Lib4RI – UPDATE #07 English MARCH 2013



Content

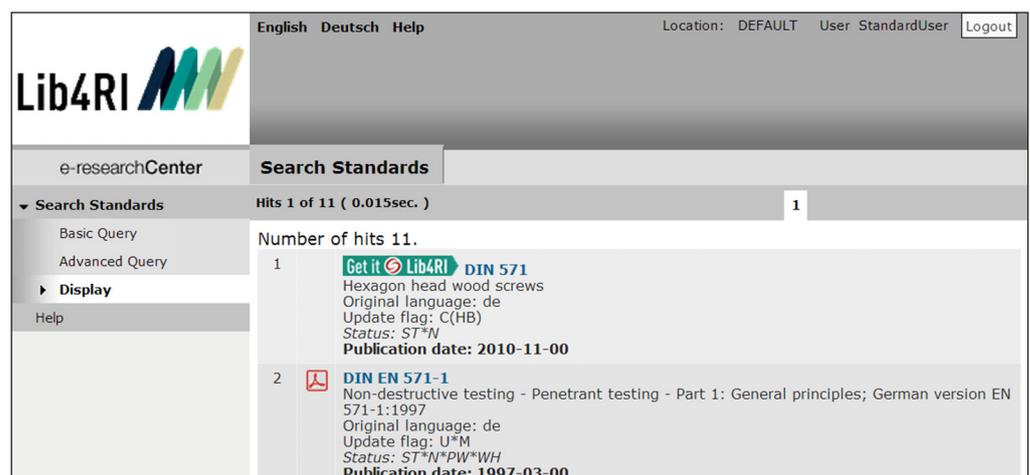
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The Lib4RI Standards Portal

YOUR SEARCH FOR STANDARDS STARTS HERE

Since the first of January, the library Lib4RI offers the Lib4RI Standards Portal as a central starting point for searching standards and technical guidelines. The portal includes bibliographic information for more than 1.5 million standards and technical guidelines. This does away with the previous, sometimes tedious search across several sources and databases. With the launch of the new portal, we also harmonized access to full-text standards among the 4 research institutes and expanded our collection.

Search results in the Lib4RI Standards Portal. The PDF icon indicates standards with attached full texts. The link resolver button leads you to the ordering form for standards (Document Delivery Service), respectively to the full text of ASTM standards on the society's website.



The screenshot shows the Lib4RI Standards Portal interface. At the top, there are language options (English, Deutsch, Help) and user information (Location: DEFAULT, User: StandardUser, Logout). The main header features the Lib4RI logo and the text 'e-researchCenter Search Standards'. Below this, a search bar indicates 'Hits 1 of 11 (0.015sec.)' and a '1' in a box. The search results are displayed in a table with two entries:

Number of hits 11.	
1	 DIN 571 Hexagon head wood screws Original language: de Update flag: C(HB) Status: ST*N Publication date: 2010-11-00
2	 DIN EN 571-1 Non-destructive testing - Penetrant testing - Part 1: General principles; German version EN 571-1:1997 Original language: de Update flag: U*M Status: ST*N*PW*WH Publication date: 1997-03-00

The new **Lib4RI Standards Portal** includes the complete **Perinorm** database: bibliographic information about Swiss standards (SN), international standards (EN, IEC, ISO, ITU), as well as the most important national standards and technical guidelines in Europe, the USA, Australia, and Japan (ANSI, BS, DIN, NF etc.).

Full text of standards

In addition to the bibliographic data, the new standards portal offers the full text of a growing number of standards; these are currently:

- more than 2'000 SN and DIN standards
- all VDI standards and guidelines
- all ASTM standards (via the link resolver «Get it at Lib4RI»)

If the full text of a standard is unavailable in the standards portal, the link resolver offers a convenient way to order the document via our *Document Delivery Service*. Access to the Lib4RI Standards Portal is restricted to the network of Eawag, Empa, PSI and WSL.

More information about standards and the new standards portal is available on our website under *Resources > Standards*. We are happy to receive your suggestions and question about standards at docdel@lib4ri.ch. <http://cb/st/>

New Resources 2013

DATABASES, E-BOOKS, E-JOURNALS

The new year brings several new databases, e-books and e-journals for all members of Eawag, Empa, PSI and WSL:

New databases & reference works

- **SpecInfo** gives access to some of the largest collections in mass spectrometry (MS), nuclear magnetic resonance (NMR), infrared and near-infrared spectroscopy (IR & NIR). *We welcome your feedback about this database (eresources@lib4ri.ch)!*
- The **Pesticide Manual Online** offers pesticide information for 10'000 products.
- Reaxys is now available in the premium version **Reaxys Xcelerate**.
- **viso Technik** now includes the database «HOLZ – HOLZtechnologie».
- **Römpp Online** is an encyclopaedia in chemistry and its related sciences.
- **Oxford Bibliographies in Ecology** offer annotated bibliographies of ecological concepts.
- We have added 6 new reference works from Elsevier to our collection: **Comprehensive Biophysics**, **Comprehensive Chirality**, **Comprehensive Renewable Energy**, **Comprehensive Sampling and Sample Preparation**, **Polymer Science: A Comprehensive Reference**, **Treatise on Estuarine and Coastal Science**.
- All databases/reference works from **de Gruyter**, among which are: **Bergmann/Schaefer Physik Online** (a searchable database version of the text book), the «Hand-

bücher der Zoologie» are searchable in *Zoology Online*, Kluge's *Etymologisches Wörterbuch der deutschen Sprache Online*, and *Pschyrembel Premium Online*.

New e-book collections

- Nearly 5'000 science and engineering e-books from *Cambridge University Press*.
- All e-books from the *Royal Society of Chemistry (RSC)*.
- *Safari Books Online* offers e-books in computer science and information technology.
- The entire collection of *CABI e-books* (agriculture and environmental sciences).
- All e-books published by the *International Water Association (IWA)*.
- The *Hanser eLibrary* offers e-books for engineers (titles published in 2011 & 2012).
- All e-books from *De Gruyter*, including many textbooks, and titles in German.

Expanded & updated e-book collections

- Our subscriptions to e-book collections from *CRC Press*, *Elsevier*, *Knovel*, *Springer* and *OECD* have been updated to include all newly published books in 2013.
- *SCI-TECHnetBASE* is a significant expansion of our previous collection of CRC Press e-books. It contains more than 7'000 e-books across the sciences.
- The *e-book collections from Elsevier* have been expanded to include more than 3'000 books from the «Legacy Collection» (= books originally published 1940-2002).
- More e-books in the subject area «Energy»: All e-books in the *«Energy» collection from Springer* and the collection *«Sustainable Energy & Development» from Knovel*.
- More than 160 optics and photonics e-books from *SPIE*.

New e-journals

- 2 new journals from Nature Publishing Group: *Heredity* & *Polymer Journal*.
- The new database *Applied Science & Technology Source* offers full texts for 1'200 journals. It replaces the full-text database «Academic Search Premier».
- We have significantly increased the number of subscriptions to e-journals in the Social Sciences and Humanities: 1'100 journals in these subjects from *Taylor & Francis* and all journals from *De Gruyter*.

Journal archives

- Until recently, older issues of the journal «Science» were only available from JSTOR while newer issues could be accessed on the journal website. Now, *all journal issues are conveniently available on the journal website*.
- Members of Eawag, Empa, PSI and WSL now have access to the complete article *archive of the journal Cell* and the archives of other Cell Press journals. This first «national license» applies to all Swiss universities and research institutes and has been negotiated by the *Consortium of Swiss Academic Libraries*.

All new resources have been added to our catalogues and you can find them quickly and conveniently with our *Searchbox*. Please do not hesitate to contact us (*eresources@lib4ri.ch*) if you have any questions about using our electronic resources. We would be pleased to provide you with advice and assistance. [////jb/ln/lt/](#)

Berlin Declaration signed

SUPPORT FOR OPEN ACCESS

With the signing of the *Berlin Declaration on Open Access to Knowledge in the Sciences and Humanities* by the directorates of Eawag, Empa, PSI and WSL, all four research institutes in the ETH Domain now support the open access idea. The PSI already signed the Berlin Declaration back in 2006. Recently, the directorates of Eawag, Empa and WSL joined the growing rank of signatories. The Berlin Declaration has been signed by the leaders of more than 400 research institutions and funding agencies worldwide, including the *Swiss Academies of Arts and Sciences*, the *Rectors' Conference of the Swiss Universities (CRUS)* and the *Swiss National Science Foundation (SNSF)*.

Open Access aims at making academic research outputs available on the web with no access fees and free of most copyright restrictions. With their commitment to Open Access the research institutes fulfill their responsibility as public institutions to make their research findings available to the public. Open Access also provides benefits for authors and research institutions by improving the worldwide visibility of research, which in turn can lead to greater number of citations per article, potentially giving research more impact than if it was published in traditional journals.

Eawag and Empa already help their researchers to publish in Open Access journals with a publication fund. As a next important step in the realization of Open Access at the research institutes in the ETH domain, the library Lib4RI is currently building the infrastructure for the «green road» to Open Access. Thereby, scientists will be able to archive duplicates of their published articles in a repository and make them freely available. These institutional repositories for the research institutes are expected to go online this autumn. Further measures and recommendations to promote Open Access at Eawag, Empa, PSI and WSL are being discussed and a joint Open Access policy is envisioned. [////jb/ln/](#)

////cb · Claudia Berger////jb · Dr. Jochen Bihn////ln · Dr. Lothar Nunnenmacher////st · Sandrine Thalmann////
////lt · Laura Tobler////

Lib4RI – Library for the Research Institutes within the ETH Domain: Eawag, Empa, PSI & WSL

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