

UBC Library Resources for Electrical and Computer Engineering

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Science and Engineering Library @ UBC

- Located in the IK Barber Learning Centre - 1961 East Mall
- Serves the physical sciences and applied sciences
- What we do:
 - Provide in-person and online assistance
 - Select books, journals, databases, ebooks, etc
 - Liaison with our departments
 - Teach workshops
 - Provide research support



UBC Library Catalogue

The UBC Library www.library.ubc.ca gives you access to the

- UBC Library Catalogue
 - Books, journals/e-journals, conferences
- Science and Engineering Subject Guides
- E-Resources
- Document Delivery Services
- MyAccount information

E-Resources for Electrical and Computer Engineering

- Major databases:

- Compendex
- IEEE Xplore
- Web of Science
- SPIE Digital Library
- Scifinder Scholar
- Proquest Dissertations
- cIRcle.ubc.ca UBC Digital Repository

- E-Book Collections

- CRCNetBase
- SpringerLink
- Knovel.com
- Books 24X7

Compendex

- Access to all UBC Library resources from off-campus: www.vpn.ubc.ca
- Compendex direct link: <http://www.engineeringvillage2.com>
- Library link: resources.library.ubc.ca
- Compendex Facts
 - Over 5,600 journals and conference proceedings
 - Goes back to 1884
 - Alert service keeps you up-to-date on your research interests
 - Direct links to fulltext journal articles

Compendex Search Strategies

- Basics of Boolean Operators

- The AND operator

- MEMS AND microfluid*

- Finds all articles that have both terms

- The OR operator

- microfluid* and (BIOMEMS OR MEMS)

- Finds all article that have the term microfluid* with either MEM or BIOMEMS

Process in selecting books

Suggestions from faculty and students

Use of book vendors

Monitoring publisher websites ie. IEEE/Wiley

Amazon.com

Book reviews published in ECE journals

- Selection of journals to support ECE research
- Selection of standards

Compendex – Author Searching

- Author searching is very straight forward.
The format is last name first and then initial or full name
Chrostowski, L*
Bhargava, V*
- You can focus your results by:
 - Adding keywords
 - Searching by Author Affiliation
 - Journal or conference information

UBC Library E-Book Collections

The UBC Library subscribes to a number of ebook collections.

- E-Book Collections
 - CRCNetBase www.crcnetbase.com
 - Knovel www.knovel.com
 - Books 24X7 library.books24x7.com
 - SpringerLink www.springerlink.com

Individual e-book titles are also available through the UBC Library Catalogue.