

Ei Compendex Web 1970-

Ei Compendex is an interdisciplinary online engineering information database, with over 5 million summaries of journal articles and conference proceedings and 220,000 new additions every year. Over 5,000 engineering journals and conferences are indexed and the database is updated weekly.

Coverage includes : Mechanical Engineering, Civil Engineering, Electrical Engineering and Electronics, Chemical Engineering and Aeronautical Engineering.

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Previously known as:

- Compendex (CDROM 1985-1997)
- Engineering Index is the print version (held from 1928-89) in the Reference Collection of the Auchmuty Library at RS016.62/1

Access

Via the Library's homepage on the Internet

(<http://www.newcastle.edu.au/library>)

- Select **The Electronic Library**
- Select **Journal and References Databases**
- Select **Ei Compendex Web**
- Click on **Connect**
- The Ei Engineering Village screen will open
- Select either **Quick search** or **Expert search**.

Search Modes

Quick search retrieves the broadest set of relevant documents.

Expert search is designed for precision searching.

Quick search

1. Select the Compendex database from the first pulldown window at the left of the screen (Compendex: last 2 weeks; Website abstracts; US Patent Office; CRC Press Handbooks; and Industry Specs and Standards can be selected instead)
2. Select **Search All Fields**
(The Author and Serial Title field are also available for searching)
Type in your search terms. E.g. **harbour bridges**
Select the **Find All** button
3. Select **Search**.
4. 1-25 citations will appear on your screen. Select 26 onwards the view the rest of the citations.

Expert search

- Select the Compendex database
- (Compendex: last 2 weeks; Website abstracts; US Patent Office; CRC Press Handbooks and Industry Specs and Standards can be selected instead)
- Select **Search All Fields**
- (The Author and Serial Title field is also available for searching)
- Type in your search terms. e.g. **harbour bridges**.
- Select the **Find All** button
- For *Find documents in* select **English**
- Limit your search to **All Document Types**
- Search from **1990** to **2001**
- Select **Search**
- **1-25 citations will appear on your screen. Select 26-30 the view the rest of the citations**
- Most citations will have the Title, Author (with links to other citations by the same author), Source, Abstract, Full text options (if available) and the Subject terms with links to similar topics (for example bridges).
- Results can be sorted by either Relevance or Publication Date
- **Click on Select all Shown to automatically mark all the selected records**
- Select **Clear all Selected** to automatically deselect all the records
- Select **Help and FAQ's** if you require more assistance
- A **Reference Service** is available whereby you can email questions to Ei engineers, email for search assistance from Ei librarians or search a database for technical experts.

Keywords

- Enter one or more terms in the text box.
- Enter words or phrases, omitting punctuation, articles (the, a) or prepositions (on, from) which are ignored. e.g. **linear induction motors**.
- The search engine autostems the terms by including all forms of the root word.
- There is a glossary of searchable fields/codes to enable you to search fields using the 'WN' (within) operator and a number of codes including Title (TI) and Abstract (AB). e.g. **polymer*WN ST** to find the word polymer within a serial title (ST).Index of Terms

Index of terms

- Includes all the available terms for Ei Subject Terms, Serial Title and Authors.
- Either search for specific terms in the **Find Box** or browse the list alphabetically.

Saving your results

Printing

- Select Print from the toolbar of your browser.

Emailing

- Highlight the information you want to send
- Select Edit and then Copy.
- Open your email system and place the cursor in the body of the message then click edit and paste.
- Personal Profile provides saving (up to 3 searches), archiving and alerting services.

Logging Out

- Click on the Exit button
- 3 user licence
- Exit *Ei CompendexWeb* when you have completed your searches to free a session for other users.