

ANTE: Abstracts in New Technologies and Engineering

The emphasis of this database is on new technologies in the fields of electronics, medical and biotechnology, computing and information technology and all aspects of engineering. Coverage is from 1981. Links to Voyager in the records found show if the items are available at Cardiff and provide direct access to electronic full-text journal articles

Getting Started

Log on to the University network and load Internet Explorer.
From the Cardiff University Home Page, click on **Learning and Teaching**, followed by **Electronic Library**, then **Databases**
Scroll down to **ANTE** and click on the link.

Using **ANTE** enables you to:

- Do precise searches for articles.
- View a list of web resources related to your search terms.
- Set up an 'alert' to enable you to receive updates by email when new articles added to the database match your search criteria.

Searching ANTE

There are three options for searching **ANTE**

- Quick Search, entering single terms
- Advanced Search, with multiple terms
- Thesaurus Search, choosing terms from the subject index.

Quick Search

Enter in the query box the words you want to find. Select an option from the drop-down list to specify the part of the database record in which to search. Restrict your search to a particular date range or type of publication, if necessary, and then click **Search**.

Advanced Search

Use the Advanced Search option to construct more detailed searches combining terms in

different fields e.g. **keyword** and **publication type**. Under **Build Your Search Strategy**, use the drop-down lists to specify the fields in which words or a phrase should appear and to combine your terms using the Boolean operators **AND**, **OR**, **NOT**.

Hints for selecting a search field

- Choose **Keyword** for subject searching because it looks for your search terms in the journal title, abstract and subject index or 'descriptors'.

*To search for a particular journal, change the default as keyword to **Journal Name**.*

Search Hints

- Use the ? key to replace a single letter e.g. *standardi?ation*.
- Use the truncation symbol * to retrieve all variations of a word, e.g. *engine** retrieves *engineers, engineering, engineered*.

Thesaurus Search

The **Thesaurus search** option allows you to browse terms via a hierarchical index display and is useful to define accurately what you are looking for.

Hint: This search option is most effective when searching a single database since thesaurus terms are database specific.

Click on **Thesaurus Search**. Make sure the drop-down menu is set to search in the ANTE Thesaurus. (*Note:* that your choices of thesaurus are determined by the databases selected). Enter a term in the find box, then click **Display**. To

search on a term in the thesaurus, mark the box(es) next to the desired term(s) and click **Search** button on the left of the screen.

Hint: Remember to choose **AND** or **OR** to combine terms if more than one term is selected.

Combining searches

Click on **Search History** for a list of the searches that you have carried out. Mark the box next to the searches you wish to combine and combine them by selecting **AND** or **OR**. Click the **Search Again** button to run the search.

To broaden a search

- Combine search terms with the **OR** operator, e.g. *iron OR steel* retrieves records that include *either* of these search terms.
- Use the thesaurus option to find broader search terms.
- Choose 'explode' to search the term **AND** all of its narrower terms.

To narrow a search

- Use **Thesaurus search** to identify 'narrower terms'.
- Limit the search by specific fields such as publication date, publisher, title, and language.
- Use the **AND** operator to retrieve only those records that contain *all* of your search terms e.g. *plastics AND rubber* will retrieve only those records that mention both terms.
- Use the **NOT** operator to retrieve records that exclude a term, e.g. *plastics NOT rubber*.

Set up a Search Alert

The **Search Alert** allows you to keep track of articles added to the database by emailing you new records that match your search terms.

To set up an alert, mark the searches that you want to save as an alert and then select the **Save/Search Alert** button. You will then be prompted to enter an email address and personal password. Click on **Continue**, and then on **Save Alert**.

Linking to Voyager

Click the **Check Your Library** link to open a new frame. This will show the ISBN or ISSN of the publication. Click **Search** to open a new window for the Voyager record. To access electronic journals, use the Voyager internet link or go direct from the results record by clicking on **Full-Text**.

Saving, printing and emailing

To select records for saving, printing or emailing, mark them by clicking in the box just above the title. Click the **Save/Print/Email** box and then select a format. (*Note: the **Save search /alert** does NOT save your search results, only the list of searches that you have done.*)

To *email* the results, enter your email address in the 'To' box and your name in the 'From' box.

To save results: select a file format and click on **Save**. From your browser select File, Save as, changing the default file name and selecting the A: drive. Insert a floppy disc and click **Save**.

Changing databases

Click on **Change Subject Area**. You can then add or remove databases. You can select and search several databases together.

For further information or assistance contact the:
Trevithick Library
Tel: 029 2087 4286
Email: TrevLiby@Cardiff.ac.uk
TRE-016-Q-3 / Aug 2003 /PNR
Also available in alternative formats