

**IEEE Xplore**

**What is IEEE Xplore?**

IEEE Xplore is a web-based database that provides full-text access to:

- IEEE journals, transactions, letters, and magazines from 1988 with select content back to 1913
- IEEE conference proceedings from 1988 with select content back to 1953
- IEEE standards from 1948
- IET journals, letters, and magazines from 1988
- IET conference proceedings from 1988

IET (Institute of Engineering and Technology) is the new name of IEE. Titles of IEE publications will slowly migrate to the new IET name over time, magazines first, then journals.

**Access**

1. At the Library Home Page (<http://www.cityu.edu.hk/lib/>), select **E-Resources**.
2. Select **Databases: Title List**.
3. Select **IEEE Xplore** from the alphabetical list of databases.

**Search**

**Basic Search**



1. Enter a word or phrase, or a combination of them using operators "And", "Or", or "Not".
2. Click to start search.

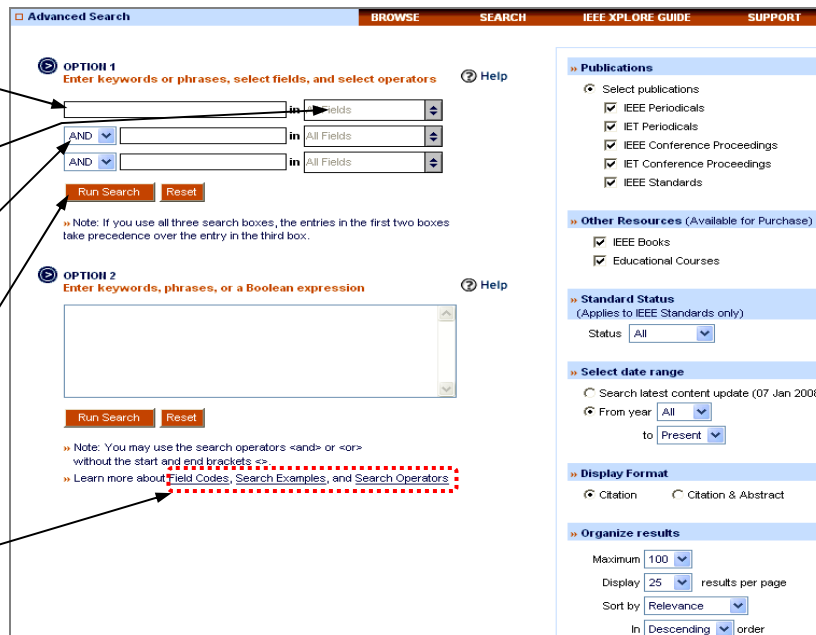
**Advanced Search**

Click on the Advanced Search link under Basic Search, and select a search option in the Advanced Search page:

- Option 1: Offers multiple text boxes, searchable fields, and various search options allowing you to create a well-focused search.
- Option 2: Allows you to perform a more detailed search by using special syntax.

**Option 1:**

1. Enter a word or phrase.
2. Select a field.
3. Select search operator to combine search terms entered in multiple boxes.
6. Start search.



4. Limit your search, if desired.
5. Modify search results format, if desired. (The maximum results to be retrieved can be set to 500, and the maximum no. of results displayed per page is 100).

**Option 2:**

Click these links to learn more on how to construct a search statement.

## Search Tips

- All words in a row are searched as phrases in that order.
- Search Operators

Operator	Example	Find results that ...
<and>	computer <and> internet	contain both the words “computer” and “Internet”
<or>	television <or> TV	contain either the word “television” or “TV”
<not>	television <not> satellite	contain the word “television” but not the word “satellite”
<paragraph>	wireless <paragraph> interference	contain the word “wireless” and “interference” appearing <u>in the same paragraph</u>
<sentence>	wireless <sentence> interference	contain the word “wireless” and “interference” appearing <u>in the same sentence</u>
<phrase>	wireless <phrase> interference	contain the phrase “wireless interference”
<near>	wireless <near/6> interference	contain both “wireless” and “interference” and they must appear within 6 words of each other

- Words entered in the text boxes are automatically stemmed, e.g., typing in *network* will retrieve *network*, *networked*, *networking*, etc. To search for an exact match, enclose the word in quotation marks, e.g., typing in “*network*” to find the word *network* only.

- Wildcard Characters

Wildcard	Represent ...	Example
?	Any one alphanumeric character.	Gar?ner to retrieve <i>Gardner</i> or <i>Gartner</i> fib?? to retrieve <i>fiber</i> or <i>fibre</i>
*	Zero or more alphanumeric characters.	optic* to retrieve <i>optic</i> , <i>optics</i> , or <i>optical</i> *MOS to retrieve <i>MOS</i> , <i>CMOS</i> , <i>DMOS</i> , <i>I-MOS</i> , etc.

- Use parentheses to specify the order of operations, e.g., enter (LAN <or> local area network) <and> broadband to search for documents containing *LAN* or *local area network*, and *broadband*.

## Display Search Results

### Results List:

The number of records retrieved.

Click to send the list of results, with links to full text, to an email address.

Click to display the results list in a printer friendly format. You can then use the browser's Print function to print out the list.

You may search within this search results set by

1. entering additional search term in the box
2. clicking in the “Check to search only within this results set” box
3. clicking **Search**

Click on the tabs to view search results under a specific resource type.

Click to view the citation with the abstract of the article, together with many useful functions (see AbstractPlus view on p. 3).

Click to view the list of references in this article.

Click to view the image of the document. HTML text format may also be available for some documents.

Select individual items and display selected items for printing, emailing, or downloading.

## AbstractPlus view:

Click to display the article in PDF.

Download the citation or citation with abstract in a format that can be imported into a bibliographic management program such as *RefWorks*, or in ASCII text format.

Should you wish to obtain permission to reuse this article, click this link to initiate the service.

Click on the **CrossRef** link for possible full-text article from other Library-subscribed electronic resources. (Full-text will be available if the electronic version of particular journal issue is subscribed by the Library.)



The screenshot shows the IEEE Xplore AbstractPlus interface. On the left, there are navigation options: 'Access this document' (with a PDF icon and 'Full Text: PDF (2311 KB)'), 'Download this citation' (with a dropdown menu set to 'Citation & Abstract' and a 'Download' button), and 'Rights and Permissions' (with a 'Learn More' link). The main content area on the right displays the article title, authors (Keun-Chang Kwak and Witold Pedrycz), journal information (Neural Networks, IEEE Transactions on), publication date (March 2007), volume (18), issue (2), page range (530-541), and ISSN (1045-9227). Below this is the abstract, index terms (Controlled and Non-controlled indexing), author keywords, and a references list. A red dashed box highlights the 'Download this citation' section. A blue dashed box highlights the 'References' section, specifically the entry for S. Makeig et al. (1996) with a 'Buy Via Ask\*IEEE' link. Arrows from external text blocks point to these specific elements.

Click on an author link to display records of articles written or co-written by the author in the database.

Click on a term to display records containing the same index term in the database.

You could purchase the article online from IEEE Document Delivery Service, but you should check the Library Catalogue first to see if the particular journal issue is available in the Library already.

### Print/Email Search Results

- To print the [results list](#) or [AbstractPlus](#), click on  , then use the browser's Print function.
- To print the [PDF full-text](#) document, use the print button in the tool bar of the Adobe Reader.
- To email the [results list](#), together with links to full text, click on  .

### Email Alerts

You can sign up to receive regular email notifications of recently posted journals and magazines to *IEEE Xplore*. Each email contains a direct link to the issue's latest table of contents.

To sign up, click **Alerts** in the top navigation bar and follow the instructions on screen.

### Quit

Click **Logout** in the top navigation bar.