



# Wichita State University Libraries

## Inspec (from SilverPlatter)

**Coverage**—INSPEC indexes journal articles, conference papers, technical reports, books/book chapters, product reviews, and dissertations in physics (including applied physics), electrical engineering, electronics, communications, control engineering, computer science, and information technology from 1969 to the present.

**Accessing INSPEC**—is available online by clicking on *Databases & Other Electronic Resources* on the Library's homepage <http://library.wichita.edu>.

- ❑ Select the *Subject List*, *Select Engineering*, and click on *INSPEC*.
- ❑ From the **Webspirs Select Databases** screen check the databases and years to search. Check as many date ranges as desired.
- ❑ Click on *Open Selected Databases* at the top of the screen.

### Keyword Searching

Remove Checked	Search	Results
Retype Checked	<input type="checkbox"/> #2 acoustic scattering	230 <a href="#">Display</a>
Combine Checked	<input type="checkbox"/> #1 quantum physics	210 <a href="#">Display</a>

Enter search terms or phrases in the textbox marked **Find** and click on *Start Search*.

**Boolean Operators** *and*, *or*, *not* may be used to connect words and phrases. Group terms with parentheses just as you would in constructing a math formula.

Example: *(Doppler or radar) and acoustic scattering*—Results will include articles that include the terms *Doppler* or *radar* or both. All records will discuss *acoustic scattering*.

**Truncation**—Use *\** to search for terms with alternate endings.

Example: typing *network\** retrieves records with *network*, *networks*, *networked*, etc.

- ❑ **Limits**—Below the **Find** box are options for customizing your search. Limit by language by clicking in the appropriate box or click on *Set Other Limits* to limit by publication year, publication type (journal article, conference papers, etc.), and other choices.
- ❑ **Change Display**—allows you to change the fields displayed, number of results, and how results are sorted.
- ❑ **Search History**—is displayed at the bottom of the screen. Use the buttons to the left to combine searches, retype and edit. **Save History** allows you to logoff and re-**Load History** at a later date (an email address is required to use this function).

**Special Features**—INSPEC has several unique fields that allow for more specialized searching:

### Alphabetical Guide to INSPEC Fields

Label	Field	Label	Field
AA	Author Affiliation	MD	Description of Unconventional Medium
AB	Abstract	MN	Material Identity Number
AI	Astronomical Object Indexing	NI	Numerical Data Indexing
AN	Accession Number	OP	Original Patent Details
AU	Author	PA	Patent Assignee
AV	Availability	PD	Patent Details
CC	Classification Codes	PF	Patent File Date
CD	Conference Details	PI	Patent Priority Date
CI	Chemical Indexing	PR	Price
CITN	Citation	PY	Publication Date
CL	CCC Code	RF	Number of References
CO	Coden	RN	Report Number
CP	Country of Publication	RT	Record Type
CS	Copyright Statement	SC	SICI
DE	Descriptors	SF	Subfile
DN	Document Number	SK	Sort Key
DOI	Digital Object Identifier	SO	Source
DS	Dissertation Submission Date	ST	SICI of Translation
DU	Document Collection URL	SU	Subject Terms
ED	Editor	TI	Title
IB	ISBN	TL	Translator
ID	Identifiers	TR	Treatment Codes
IS	ISSN	UD	Update Code
LA	Language	UR	Universal Resource Locator

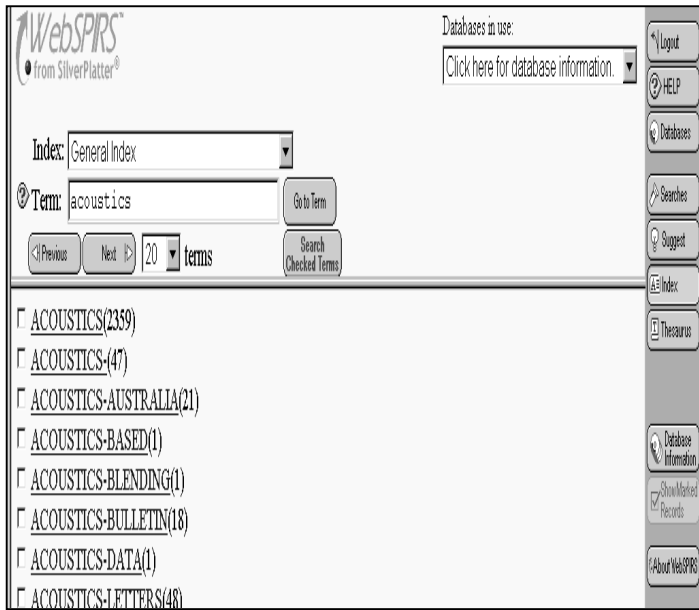
- *INSPEC Classification Codes (CC)*—may be used to limit search to predetermined sections of the database.
- *Chemical Indexing (CI)*—“is a controlled indexing system for inorganic substances and material systems.”
- *Astronomical Object Indexing (AI)*—named or numbered astronomical objects are best retrieved using this index.
- *Numerical Data Indexing*—designed to overcome problems due to the variety of ways in which authors may express a particular value.

**Searching Fields**--To search a specific field, use the operator “in” or a numerical operator followed by the field label.

Examples: *neural network\* py>=1998* will search for items published “greater than or equal to” 1998.  
*Wichita in aa* will search for the term *Wichita* in the author affiliation field.

**Help**—Use the pull-down menu under **Databases in use:** to get help screens specific to INSPEC and its fields.

**Index Searching**—enables you to search using the controlled vocabulary of the database thus making searches more exact.



Click on the *Index* button from the navigation bar on the right side of the screen.

Select an index from the pull down menu. **Authors** are included in the **General Index**. **INSPEC Classification Codes** may be browsed using an index search.

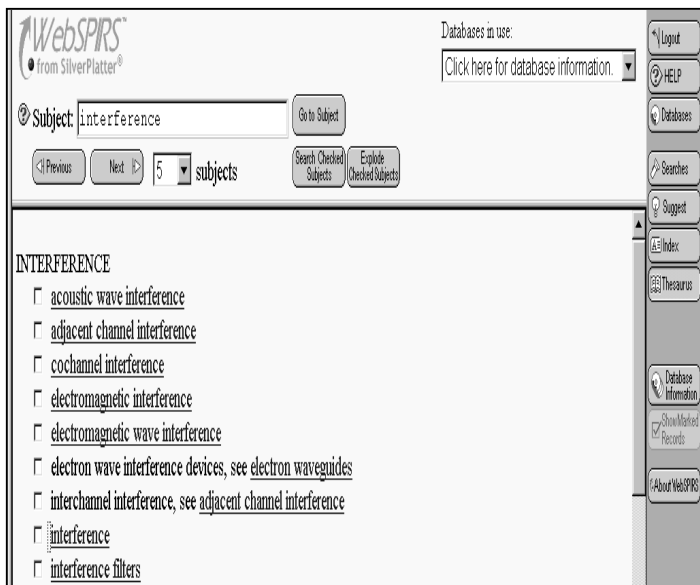
Type the desired **term** in the text box. Hit the *return* key or click on *Go to Term*.

**Results** are listed in alphabetical order with the number of times they occur in the selected database/s in parentheses.

To select a single term click on it and a keyword search will automatically be performed.

To search for multiple terms, mark terms in the boxes to the left and click on *Search Checked Terms*. Terms will automatically be connected with the “or” operator.

**Thesaurus Searching**—is the best way to find subject terms related to your search.



Click on the *Thesaurus* button from the navigation bar on the right side of the screen.

Type the desired term in the **Subject** box. Hit the return key or click on *Go to Subject*.

Click on a single term to locate *more general (broader) terms* or *related terms*.

Select one or more terms by checking the boxes on the left of each term (multiple terms will be automatically connected with the “or” operator).

**Search Checked Subjects**—searches using only the selected terms.

**Explode Checked Subjects**—searches for the selected terms AND all of their “narrow” terms connected by an “or” which will expand the search.

## **Search Results:**

- ❑ **Mark records** by clicking in the boxes to the left of the individual records. Click on Show Marked Records on the navigation bar on the right of the screen to view only the records you have selected.
- ❑ **Print, save, or email** records by clicking the buttons at the top of the screen and following the directions.

## Locating Items in Ablah Library—

Records: 51 to 48 of 72  
Search: Internet and satellite and (JIT-JOURNAL-ARTICLE)

Record 32 of 72 in INSPEC 2001/01-2001/07  
TI: Teaching computer systems performance analysis  
AU: [Lila-DJ](#)  
SO: [IEEE Transactions on Education](#), vol.44, no.1, Feb. 2001, p.35-40  
PT: 2001  
LA: English  
AB: A course on computer systems performance analysis has been adapted for several different distance education delivery options, including an interactive television system, face-to-face presentation at a **satellite** campus, and delivery over the Internet to independent study students. Of the 122 students who have enrolled in this graduate-level course for a grade over the three-year period analyzed, half have been nontraditional students who never set foot on campus. These remote students have a substantially higher drop-out rate than the traditional on-campus students, and frequently indicate a strong preference for face-to-face instruction in a traditional classroom setting. Nevertheless, due to significant differences in the characteristics of the two student groups, the remote students typically earn higher final course grades than the on-campus students. While there is a strong demand for delivery of this type of advanced course to remote students, more still needs to be done to effectively engage these students in the learning process.  
AN: 6897793  
[\(Link to holdings\)](#)  
[View Complete Record](#)

Record 33 of 72 in INSPEC 2001/01-2001/07  
TI: An analytical representation of the systematic differences HIPPARCOS-FK5  
AU: [Schmalz H](#)  
SO: [Astronomy & Astrophysics](#), vol.367, no.3, March 2001, p.1078-86  
FTXT: [\(Link to holdings\)](#)  
PT: 2001  
LA: English  
AB: The author presents an analytical representation of the relations between the systems of the HIPPARCOS catalogue and the basic FK5 catalogue. These relations were used in the construction of the '5th catalogue of fundamental stars (FK5)' for the reduction of the FK5 to the HIPPARCOS system. A comparison has been made between the present results and those derived by Mignard and Prochot recently. A computer program for evaluating analytically the systematic differences will be provided via the Internet facility.  
AN: 6888554  
[\(Link to holdings\)](#)

Click on the **Check for holdings** icon at the bottom of the record to see if the item is available from WSU Libraries.

A new window will open with results from the **Online Catalog**.

If the message, *Your search resulted in no hits!* appears in purple then the library does not own that item.

Journal articles may be borrowed through Interlibrary Loan using the online form: <http://library.wichita.edu/ill/ill-cper.html>.

Books and conference proceedings may be borrowed through Interlibrary Loan using the online form: <http://library.wichita.edu/ill/ill-cbook.html>.

**Title:** Astronomy and astrophysics.  
**Published:** Berlin, New York, Springer-Verlag  
**Description:** v. ill. 28 cm.  
Semimonthly <, Apr. 1976->  
v. 1- Jan. 1969-  
**Subject Headings:** [Astronomy--Periodicals](#)  
[Astrophysics--Periodicals](#)  
**Database:** Wichita State University Libraries  
**Location:** Ablah Stacks: A-L on 3rd, M-QE on 2nd, QH-Z Lower Level  
**Call Number:** [per\\_QB1\\_A83](#)  
**Status:** Not Checked Out  
**Volumes Held:** v.1 (1969)-v.339 (1998),  
v.340 no.1 (1998 Dec 1)-v.340 no.2 (1998 Dec.10)  
v.341 (1999)-v.364 (2000)  
**Indexes:** 1989-1993

If the library subscribes to the journal either a record like the one at the left will appear or an index screen listing the print and possible electronic subscriptions to access the journal.

It is important to note the volume from the SO field:

Example: In record 33 the vol. That contains the required article is 367 but in the catalog record under **Volumes Held** the library's holdings stop at volume 364.

## Fulltext Options—

- Some records will have a link to the fulltext of the article. Notice the **Link to** button in the FTXT field of Record 33 above. If the library's subscription allows it you will be able to access the article. If the message, "Subscription required to view full text," appears then you will not be able to access the article.
- IEEE periodical articles from 1998 to the present are available from IEEE Xplore (handout available). Result 32 above could be retrieved online from the IEEE Xplore link at <http://library.wichita.edu/colldev/eresources.html>.