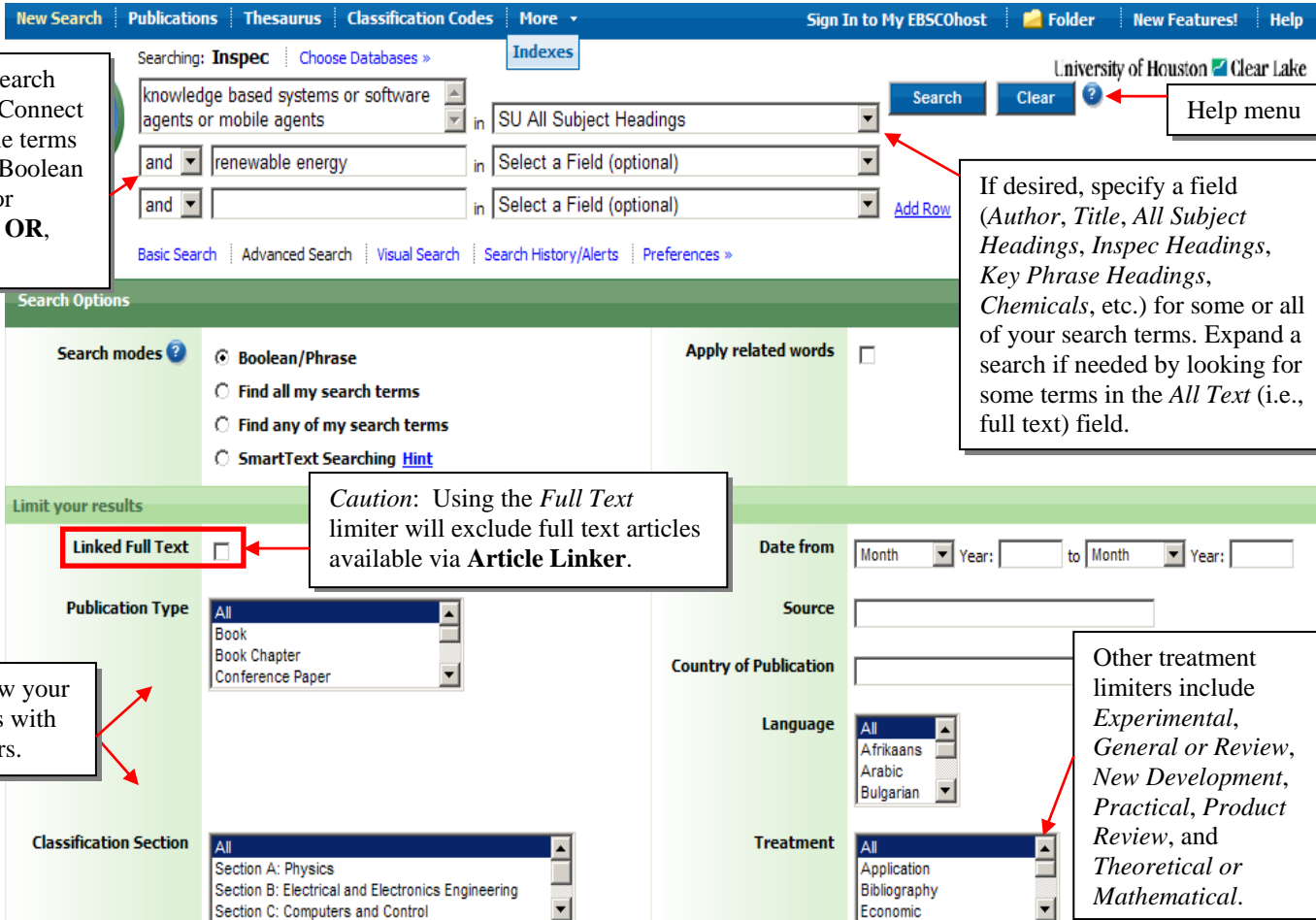


INSPEC was created by the IET (Institution of Engineering and Technology) and provides abstracts and indexing to scientific and technical papers in physics, electrical engineering, electronics, communications, control engineering, computing, information technology, manufacturing, production, and mechanical engineering. INSPEC provides citation coverage and selected full text from over 3,800 journals and 3,000 conference proceedings as well as indexing for books, dissertations, patents, standards, and reports. In addition to the core subject areas, INSPEC also provides coverage in related disciplines such as materials science, oceanography, nuclear engineering, geo-physics, biomedical engineering, environmental science, and nanotechnology.

## STARTING & SEARCHING INSPEC

From the library's World Wide Web homepage (<http://www.uhcl.edu/library>), click on **Databases A-Z**. In the alphabetical list of databases by name, click on the **INSPEC** hyperlink.

**Advanced Search** with Boolean/phrase search mode is the default search method. See sample search form below.



**Enter search terms. Connect multiple terms with a Boolean operator (AND, OR, NOT).**

**Help menu**

**If desired, specify a field (Author, Title, All Subject Headings, Inspec Headings, Key Phrase Headings, Chemicals, etc.) for some or all of your search terms. Expand a search if needed by looking for some terms in the All Text (i.e., full text) field.**

**Search Options**

**Search modes**

- Boolean/Phrase
- Find all my search terms
- Find any of my search terms
- SmartText Searching [Hint](#)

**Apply related words**

**Limit your results**

**Linked Full Text**

**Caution: Using the Full Text limiter will exclude full text articles available via Article Linker.**

**Narrow your results with limiters.**

**Other treatment limiters include Experimental, General or Review, New Development, Practical, Product Review, and Theoretical or Mathematical.**

**Publication Type**

- All
- Book
- Book Chapter
- Conference Paper

**Country of Publication**

**Language**

- All
- Afrikaans
- Arabic
- Bulgarian

**Treatment**

- All
- Application
- Bibliography
- Economic

**Classification Section**

- All
- Section A: Physics
- Section B: Electrical and Electronics Engineering
- Section C: Computers and Control

**Tips:** Enter Boolean operators, proximity operators, or truncation symbols directly into the search box.

<b>and</b>	neon <b>and</b> atoms	narrows the results by finding both terms in the same record
<b>or</b>	hazardous <b>or</b> dangerous	broadens the results by finding either or both terms
<b>n</b>	oil <b>n3</b> refineries	finds <i>oil</i> within 3 words of <i>refineries</i> , in any order
<b>w</b>	oil <b>w5</b> refineries	finds <i>oil</i> within 5 words of <i>refineries</i> , i.e., <i>oil and gas refineries</i> , in that order
<b>?</b>	fib??	single-character wildcard that broadens the results by finding <b>fiber</b> or <b>fibre</b>
<b>*</b>	accident*	multi-character wildcard that broadens the results by finding <i>accident</i> , <i>accidents</i> , <i>accidental</i> , etc. (can be placed at either end of a word stem)

## Special search links:

Publications | Thesaurus | Classification Codes | More ▾

- Use **Publications** to find whether a journal is indexed in the database, its peer-review status, dates of coverage, full text availability, etc.
- Use **Thesaurus** to identify and select official INSPEC subject headings, which may improve your search results.
- Use **Classification Codes** to find documents grouped by broad subject areas (e.g., *A2000 Nuclear physics*). Click **Explode** to see all documents within a code; click **Expand** to select a narrower subdivision within a code.
- Use **Indexes** (under **More**) to browse entries for and search specific fields (*astronomical object, author, chemical, etc.*)

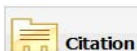
## VIEWING & WORKING WITH RECORDS

The screenshot shows a search results page for 'SU (knowledge based systems or software agents or ...)'. The page includes a left sidebar for narrowing results by subject and publication, a main results area with three entries, and a right sidebar for limiting results. Annotations with red arrows point to various features:

- Left Sidebar:** "If desired, narrow your results with subject terms." points to the subject list. "Click the arrow to show or hide any limiter category." points to the 'Publication' category arrow.
- Main Results:** "Click title for the full citation view or the magnifying glass for a preview." points to the first result title. "Click **Add to folder** and then **Folder View** when ready." points to the 'Add to folder' button. "Click the **Article Linker** button or **Check for possible full text** to see whether full text is available from another source. See also **Article & Book Requests** on the library homepage for document delivery options." points to the 'Check for possible Full Text' button.
- Right Sidebar:** "Leads to all limiters." points to the 'Update Results' button.
- Bottom:** "To see if UHCL owns the journal in paper copy or microfilm and where it's located in the library, click **Search the Neumann Library Catalog**." points to the 'Search the Neumann Library Catalog' button.



**Caution:** *Bookmark* and *Share* links must be edited to insure access, especially from off campus. Create a *My EBSCOhost* account instead to save your work.



From the full citation view, click a desired icon to print, email, save, view citation styles (APA, MLA, etc.), export a record, or add it to a folder, and then follow onscreen instructions.

To save searches, histories, and alerts, click **Sign In to My EBSCOhost** at the top of the screen, and follow onscreen instructions. See also separate how-to guide: [Saving Searches & Creating Folders in EBSCO Databases](#). For more information, refer to onscreen help, or consult a reference librarian (281-283-3910 or library@uhcl.edu).