Engineering Village 2

eBook Search

Search basics

eBook Search

Enter search terms in the SEARCH FOR textbox. You may search a term in a specific field by selecting the field from the SEARCH IN pull-down menu to the right of the textbox. Keyword, the default search, searches the text of the book and returns sections of the book in the search results set. Searching by author, ISBN, publisher, subject or title, returns books sorted by title and in alphabetical order.

Autostemming

Search terms are automatically stemmed except terms searched in the author field or terms that are truncated or entered in quotation marks or braces.

Stemming allows you to retrieve variants of a word using the word root as the stemming basis.

management returns managing, managed, manager, manage, managers, etc.

Truncation

The asterisk (*) is the right-hand truncation symbol.

The truncation command retrieves all the words that start with the same letters as the truncated term, up to the point that the truncation symbol is used.

comput* returns computer, computerized, computation, computational, computability, etc.

To avoid unexpected results, truncation should be used with care. E.g. color* will retrieve color and colored and colors and Colorado.

Truncation cannot be used within quotation marks or braces.

Exact Phrase Searching
Phrases entered without braces or quotation marks will return good results because of the relevance sort, but to guarantee that the phrase is an exact match, braces or quotation marks should be used.

"ultraviolet light"
{solar energy}

Truncation and stemming cannot be used with exact phrase searching.

Stop Words
If you need to search for a phrase that contains stop words (and, or, not, near) place the phrase within braces or quotation marks.

{block and tackle}
"rack and pinion"
Special characters: (anything other then a-z, A-Z, 0-9, ?, *, #, ( ) or { })
Most special characters are ignored by the search engine.

To include special characters within the search phrase, place the term within braces or quotation marks, they will be ignored but the spacing will be maintained.

{PAL-B/G}

Operators (?, *, #, ( ) or { }) have meaning in eBook searching on Engineering Village 2 and should not be entered as part of a search. For example to search for AU(III) enter the search as AU III.

Case sensitivity
eBook searching on the Engineering Village 2 interface is not case sensitive. Text can be entered in upper or lower case.

Reset/New Search
When starting a new search within a search session, click the reset button to clear the previous search. Clicking on reset ensures that no traces of the old search remain to affect the results of the new search and resets all the options to the default settings.

Advanced Search
Enter search terms in one or more of the three SEARCH FOR textboxes. You may search a term in a specific field by selecting the field from the SEARCH IN pull-down menu to the right of the textbox. Note: keyword searches can only be joined with other keyword searches. If one or more of the SEARCH IN boxes has keyword selected, author, ISBN, publisher, subject or title, cannot be searched. Non-keyword search terms can be combined.

Boolean operators
The three textboxes allow you to combine terms using the Boolean operators AND, OR, and NOT.

To broaden a search, or to allow for variant spellings, combine terms using OR (results contain any specified term).

rapid transit OR light rail OR subways
seatbelts OR seat belts

To narrow the scope of a search, combine terms using AND (results contain all specified terms).

laser AND diode

To eliminate terms from a search, use the NOT operator. A search for mining might be done as: mines or mining NOT "data mining"

If terms are entered into the three textboxes, Advanced Search will always combine terms from the first two textboxes first, and then the term in the third textbox.

a AND b OR c will be searched as (a AND b) OR c
a OR b AND c will be searched as (a OR b) AND c
a OR b NOT c will be searched as (a OR b) NOT c

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You can end your session by clicking on the "End Session" button at the top right corner of the screen. Otherwise, your session will expire after 20 continuous minutes of inactivity.

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Whether the words are found as an exact phrase or separately
When words are found separately, closer proximity ranks higher
The number of times that the word/phrase appears in the section of an eBook
The word's location within the section (words found at the beginning of the section rank higher than words found towards the end)
How often the word appears in the database as a whole (words used often are less relevant than words that are less common)

To search for an exact phrase, enclose term within braces or quotation marks. For example:
"solar energy"
{avalanche diodes}
"Keyword" is the default for Referex.

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Referex cites author, editor or contributors' names as they appear in the eBook. Surnames appear first, followed

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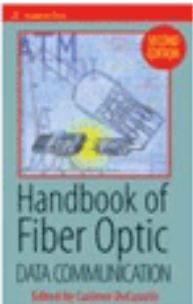
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2.

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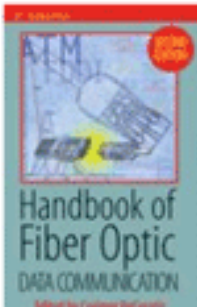
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Handbook of Fiber Optic Data Communication

DeCusatis, Casimer   **ISBN:** 0122078918; p 823, 2002
Publisher: Elsevier Academic Press
Book Description:
Since the first edition, the intervening period has seen many significant changes, which required updating the original chapters; new types of lasers and photodetectors, a new physical layer interface for ESCON, new packaging technology for parallel optics. Many new chapters have been added on topics such as wavelength multiplexing, optically clustered servers, small form factor connectors and transceivers, and special types of fiber optic cable. The technology of optical data communication is a major driving force in the development of computers, storage, and real-world applications in business, education, transportation, and many other sectors of the economy. This Handbook provides a comprehensive, easy to use guide to the field of optical fiber data communications. Written by experts in the industry from major companies suc...
Subject terms: Electronic Devices and Materials | Optical Engineering / Optics
Collection name: Electronics & Electrical

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  - Chapter 2: Optical Sources: Light-Emitting Diodes and Laser Technology

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Note: keyword searches can only be joined with other keyword searches. If one or more of the SEARCH IN boxes has keyword selected, author, ISBN, publisher, subject, or title, cannot be searched. Non-keyword search terms can be combined.

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