Global Resources for Engineering Communities

Abstract

Index Terms - advanced research tools, easy-to-use features, Engineering Village 2, web-based discovery platform

Engineering environments are information intensive. Whether an academic or industrial setting, the right information and the right research tools are essential for success. With this is mind, databases are designed specifically for engineers, engineering students, researchers and affiliated information professionals – to ensure each can gain desktop access to the critical information, intelligence and research tools they need to succeed. These databases offer engineers a powerful web-based discovery platform featuring the broadest scope and coverage of scholarly literature, trade publications, patents, hard to find conference proceedings, technical reports and engineering information available anywhere.

With them, you can search and browse, among others, the following sources:

- COMPENDEX going back as far as 1884
- INSPEC including Inspec archive going back to 1896
- NTIS database
- REFEREX ENGINEERING, a broad collection of more than 300 e-books
- ENGnetBASE, an e-book collection from CRC Press in the field of engineering
- Patent sources from Europe and the U.S.

Simplify Research & Improve Results – Designed with today's end user in mind, they offer easy-to-use features and advanced research tools to save time and simplify the research process. Accurate search results can be easily produced by novice users via the Easy Search – which consists of a 'web-like' search box – or the Quick Search.

Advanced searchers can leverage the power and precision of Expert Search functions, browseable thesauri, look-up indexes and more.

The recently implemented faceted search layer allows the user to view groups of results clustered by data fields such as author name, controlled vocabulary and classification code and further refine their searches in an extremely intuitive manner.

Combined database searching allows for controlled duplicate removal, while searching multiple content sources. Linking options are pervasive and designed to deliver the fastest route to full-text content AND to work with existing library systems.

Personalization options ensure users can make the most of their research experience with features including email alerts, saved record folders and search histories.

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