

해외온라인저널DB 이용교육 자료

# IEEE/IET Electronic Library

2007. 9

# IEEE (Institute of Electrical and Electronics Engineers)

- 1884년에 설립된 미국 전기 학회와 1912년에 설립된 무선 학회 가 1963년에 현재의 명칭과 조직으로 합병하여 설립 된 미국 최고의 학회
- 약 170개국의 382,000명 이상의 회원을 가진 비영리 기술 전문 학회
- 10개의 대단위 지역권에 300개 지부가 독립적 운영

# **IEEE** (Institute of Electrical and Electronics Engineers)

- 전기, 전자, 컴퓨터 공학, 생명공학, 통신, 항공부분을 선도하는 학회
- 전기, 컴퓨터 공학 등 전세계 기술문서의 30% 생산
- **IEEE**는 미국 표준 협회(ANSI)의 위임을 받아 미국 국가 표준(컴퓨터 및 전자산업)을 제정하는데 적극 참여

# IET (Institution of Engineering and Technology)

- 1871년 설립(IEE)된 유럽에서 가장 큰 공학 전문학회
- 2006년 3월 IIE(합동기술자학회)를 합병하여 현재의 명칭사용
- 약 120개국의 140,000명 이상의 회원을 확보
- 전기, 전자, IT분야를 선도하는 학회

# IEL database...

- **IEEE/IET Electronic Library (IEL) Online Service**란..  
IEEE / IET이 출간하는 연속 간행물을 제공하는 인터넷 DB
- IEEE와 IET가 **COPYRIGHT**을 가지고 있는 연속 간행물을 수록 (1988년부터 현재까지의 자료)
- 약 85,000건의 IEEE 자료에 대해 최고 1950년부터의 자료 추가 제공 (13개 Society 자료 Back file로 제공)
- 매달 평균 50,000 page 이상의 자료가 업데이트

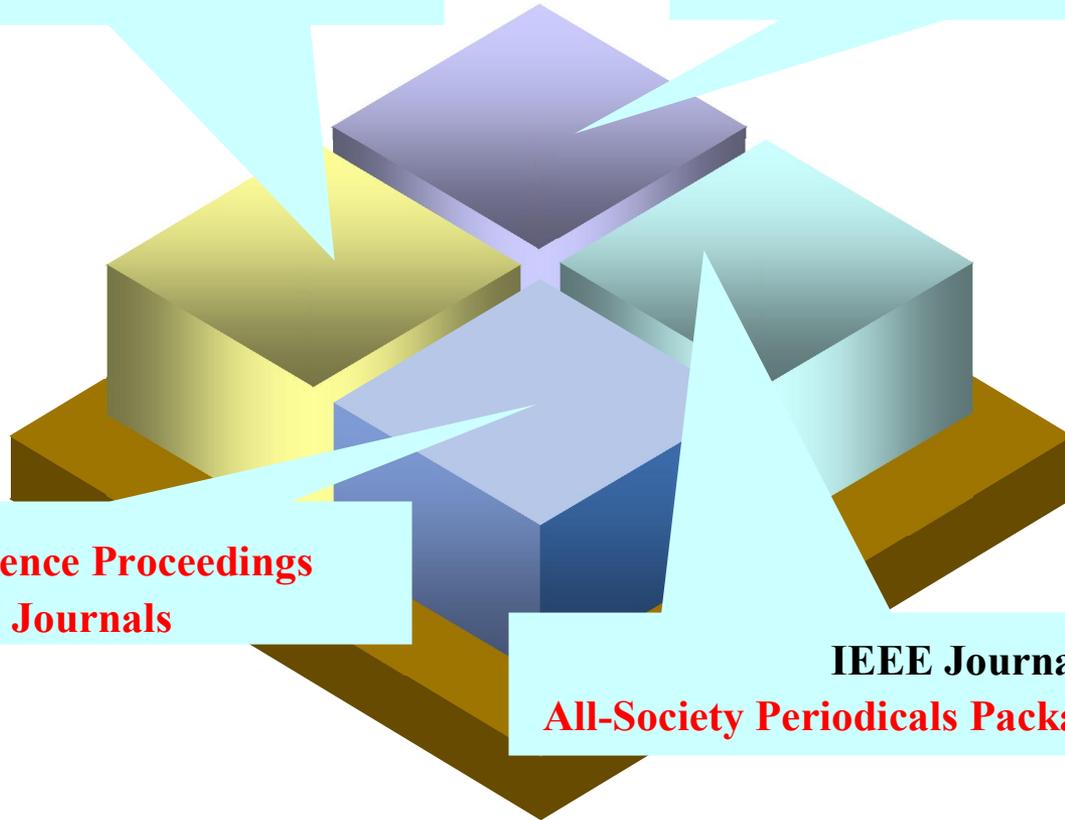
# IEL의 제공범위

**IEEE Conference Proceedings**  
**Proceeding Order Plan All Online(POP)**

**IEEE Standards**  
**IEEE Standards Online**

**IET Conference Proceedings**  
**IET Journals**

**IEEE Journals**  
**All-Society Periodicals Package Online(ASPP)**



# IEL 주요 이용기관



**TOSHIBA**

**MIT**



**COMPAQ**

**PHILIPS**

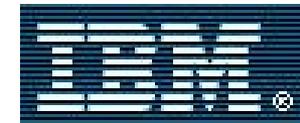
**hyunix**



**QUALCOMM**



**HITACHI**



**SONY**

**NOKIA**

**intel.**

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**IEEE Xplore**  
RELEASE 2.3

1,521,373 documents online

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**Welcome to IEEE Xplore**

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Password  
 >>

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- >> [Standards](#)
- >> [Books](#)

**Basic Search**

>>

(All Fields)

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- >> [Author Search](#)
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>> [Latest Content Update](#)

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Publishing the highest quality technical literature

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IEEE books are available for purchase from Wiley-IEEE Press and Wiley-IEEE Computer Society Press.

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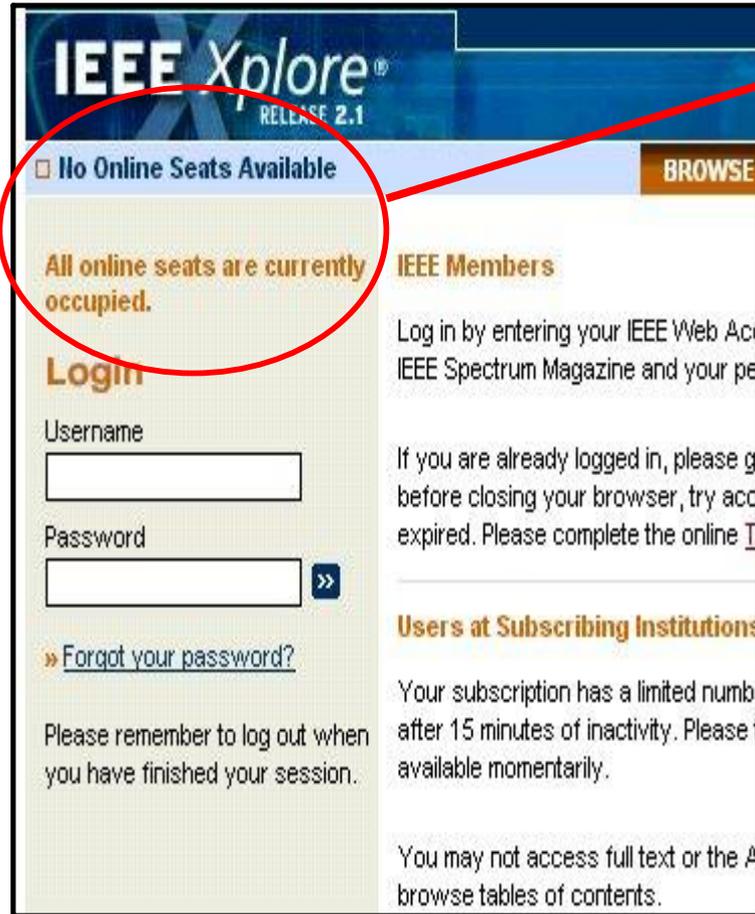
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Access industry renowned technical standards.

>> [Browse Standards](#)

[Http://ieeexplore.ieee.org](http://ieeexplore.ieee.org)

# IEEE Xplore – 유의 사항



허용된 **Online User** 수 초과할 시 경고메시지

- 이용 후 **Log-Out**을 반드시 해주셔야 함
- **Log-Out** 절차를 밟지 않고, 창을 닫아서 종료하는 경우 종료 후 **15분** 동안 이용하는 것으로 간주됨
- **Log-In** 상태에서 **15분** 이상 아무런 행동이 없을 경우 자동으로 **Log-out**

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PDF 다운로드시  
주의사항

**Systemic DownLoad** 프로그램을 통한 일괄적/대량 다운로드 금지  
(FlashGet, GoZilla, Download Accelerator Plus, ... 등을 사용 금지)  
위의 사항을 어길 시, 해당 IP에 대한 서비스 중단 (개인/조직)

Tools	BROWSE	SEARCH	IEEE XPLORE GUIDE	SUPPORT
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<a href="#">What Can I Access?</a>	Downloading this database or any portion of a publication's issue or volume in a systematic fashion is strictly prohibited. The use of robots or intelligent agents on this site is a violation of your subscription license agreement.			
<a href="#">User Guide (PDF)</a>	The IEEE wishes to promote appropriate usage of its content through the IEEE <i>Xplore</i> site. We encourage proper access among all users. Robots or intelligent agents damage the performance of the system, and are an improper use of IEEE <i>Xplore</i> .			
<a href="#">IEEE Xplore Demo</a>	We are monitoring site activity to identify systematic downloading. Suspicious activity will result in suspension of service to the individual user as well as to the subscribing institution. Continued violations will result in cancellation of your subscription.			
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<a href="#">Help</a> <a href="#">Contact Us</a> <a href="#">Privacy &amp; Security</a> <a href="#">IEEE.org</a>				

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## Browse

- » [Journals & Magazines](#)
- » [Conference Proceedings](#)
- » [Standards](#)
- » [Books](#)

키워드 입력

키워드의  
Initial 클릭

결과 리스트  
생성

The screenshot shows the IEEE Xplore website interface. At the top, there is a navigation bar with links for Home, Login, Logout, Access Information, Alerts, Sitemap, and Help. Below this, a blue banner displays the IEEE Xplore logo (RELEASE 2.0) and a welcome message for DONGSEO UNIVERSITY1. A secondary navigation bar contains buttons for BROWSE, SEARCH, IEEE XPLORE GUIDE, and SUPPORT. The main content area is titled 'Browse Journals & Magazines' and includes a 'CHOOSE:' section with radio buttons for 'All Titles' (selected), 'IEEE Titles', and 'IEE Titles'. Two options are presented: 'OPTION 1: Browse by keyword' with a text input field and a search button, and 'OPTION 2: Browse alphabetically' with a list of letters from A to Z. A list of publication titles follows, each preceded by a '+' icon. Red arrows point from the Korean text on the left to the search input field, the letter 'B' in the alphabetical list, and the first item in the publication list.

Home | Login | Logout | Access Information | Alerts | Sitemap | Help

IEEE Xplore<sup>®</sup>  
RELEASE 2.0

Welcome DONGSEO UNIVERSITY1

IEEE

Browse Journals & Magazines

BROWSE SEARCH IEEE XPLORE GUIDE SUPPORT

CHOOSE:  All Titles  IEEE Titles  IEE Titles

OPTION 1  
Browse by keyword  
Enter one or more keywords in the order they appear in the journal or magazine title.

OPTION 2  
Browse alphabetically  
Select a letter to view titles beginning with that letter.

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Select the [+] symbol to view a publication's title history:

- + Acoustics, Speech, and Signal Processing Newsletter, IEEE
- + Advanced Packaging, IEEE Transactions on [see also Components, Packaging and Manufacturing Technology, Part B: Advanced Packaging, IEEE Transactions on]
- + Aerospace and Electronic Systems Magazine, IEEE
- + Aerospace and Electronic Systems, IEEE Transactions on
- + Annals of the History of Computing, IEEE
- + Antennas and Propagation Magazine, IEEE
- + Antennas and Propagation, IEEE Transactions on
- + Antennas and Wireless Propagation Letters
- + Applied Superconductivity, IEEE Transactions on
- + Automatic Control, IEEE Transactions on
- + Automation Science and Engineering, IEEE Transactions on [see also Robotics and Automation, IEEE Transactions on]

# IEEE Explore – Browse

책자의 형태와 Society 로고 표시

□ Journals & Magazines

BROWSE SEARCH IEEE XPLORE GUIDE SUPPORT

IEEE  
ACOUSTICS, SPEECH, & SIGNAL  
PROCESSING NEWSLETTER

IEEE  
ACOUSTICS, SPEECH, & SIGNAL  
PROCESSING NEWSLETTER

Year: 1983

Issue: Volume 61, Issue 1

Go To Issue

Search This Publication

All Fields

Frequency: 14

ISSN: 0000-0000

Title History  
(1970 - 1973) Audio and Electroacoustics Newsletter, IEEE

현재 검색 결과 내에서 더욱 세부적 검색

연도와 이슈 선택

연도별 타이틀 히스토리 제공

# IEEE Explore – Browse

**IEEE**  
**ACOUSTICS, SPEECH, & SIGNAL**  
**PROCESSING NEWSLETTER**

Volume: 61 Issue: 1 Date: Mar 1983

Other Years: 1983 ▾  
Other Issues: Volume 61, Issue 1 ▾ [Go To Issues](#)

Search this issue:  All Fields ▾ >>

[printer friendly](#)

**Article Information**

**IECON'83**  
Page(s): 9- 10  
[AbstractPlus](#) | Full Text: [PDF](#) (256 KB)

**Milcom '83**  
Page(s): 13- 14  
[AbstractPlus](#) | Full Text: [PDF](#) (184 KB)

**Back cover**  
Page(s): 0- 0  
[AbstractPlus](#) | Full Text: [PDF](#) (128 KB)

모든 Article의 Abstract Plus와  
초록과 원문 제공.(원문 검색을  
위해서는 로그인 해야 한다.)

# IEEE Explore – Basic Search

<h2>Browse</h2> <ul style="list-style-type: none"><li>» <a href="#">Journals &amp; Magazines</a></li><li>» <a href="#">Conference Proceedings</a></li><li>» <a href="#">Standards</a></li><li>» <a href="#">Books</a></li></ul>	<h2>Basic Search</h2> <input type="text"/> (All Fields)  <ul style="list-style-type: none"><li>» <a href="#">Advanced Search</a></li><li>» <a href="#">Author Search</a></li><li>» <a href="#">CrossRef Search</a></li></ul>
---	---

검색어(Keyword)

입력 후 검색

# IEEE Explore – Advanced Search

Login For: » [Advanced Search](#)

» [Author Search](#)

» [CrossRef Search](#)

자주 사용되는  
**AND, OR, NOT**  
위주의 검색

The screenshot shows the IEEE Explore Advanced Search page. It is divided into two main sections: OPTION 1 and OPTION 2. OPTION 1 is for entering keywords and selecting fields, while OPTION 2 is for entering Boolean expressions. A dropdown menu is open, showing search fields: All Fields, Full Text & All Fields, Document Title, Author, Publication Title, Abstract, Index Terms, and Affiliation. The right sidebar contains options for selecting publications, other resources, date ranges, display formats, and organizing results.

**OPTION 1**  
Enter keywords or phrases, select fields, and select operators [Help](#)

hev in All Fields

AND Simulation in All Fields

AND in All Fields

AND  
OR  
NOT

**OPTION 2**  
Enter keywords, phrases, or a Boolean expression

Run Search Reset

» Note: You may use the search operators <and> or <or> without the start and end brackets <>.

» Learn more about [Field Codes](#), [Search Examples](#), and [Search Operators](#)

**Publications**

Select publications

- IEEE Periodicals
- IEE Periodicals
- IEEE Conference Proceedings
- IEE Conference Proceedings
- IEEE Standards

**Other Resources (Available for Purchase)**

- IEEE Books

**Select date range**

Search latest content update (21 Nov 2005)

From year All to Present

**Display Format**

Citation  Citation & Abstract

**Organize results**

Maximum 100

Display 25 results per page

Sort by Relevance

In Descending order

# IEEE Explore – Advanced Search

Login For: » [Advanced Search](#)

» [Author Search](#)

» [CrossRef Search](#)

**OPTION 1 보다**

**더 자세한 설정가능**

검색어의 범위 및

제한을 직접 설정

**OPTION 2에서 query 구성시**

**필요한 Field와 Operator 검색**

**OPTION 1**  
Enter keywords or phrases, select fields, and select operators [? Help](#)

in

AND  in

AND  in

» Note: If you use all three search boxes, the entries in the first two boxes take precedence over the entry in the third box.

**OPTION 2**  
Enter keywords, phrases, or a Boolean expression [? Help](#)

```
{ ( hev<in>metadata ) <and> ( simulation<in>ti ) }
```

» Note: You may use the search operators <and> or <or> without the start and end brackets <>.  
[more about Field Codes](#), [Search Examples](#), and [Search Operators](#)

**Publications**

- Select publications
  - IEEE Periodicals
  - IEE Periodicals
  - IEEE Conference Proceedings
  - IEE Conference Proceedings
  - IEEE Standards

**Other Resources (Available for Purchase)**

- IEEE Books

**Select date range**

Search latest content update (21 Nov 2005)

From year  to

**Display Format**

Citation  Citation & Abstract

**Organize results**

Maximum

Display  results per page

Sort by

In  order

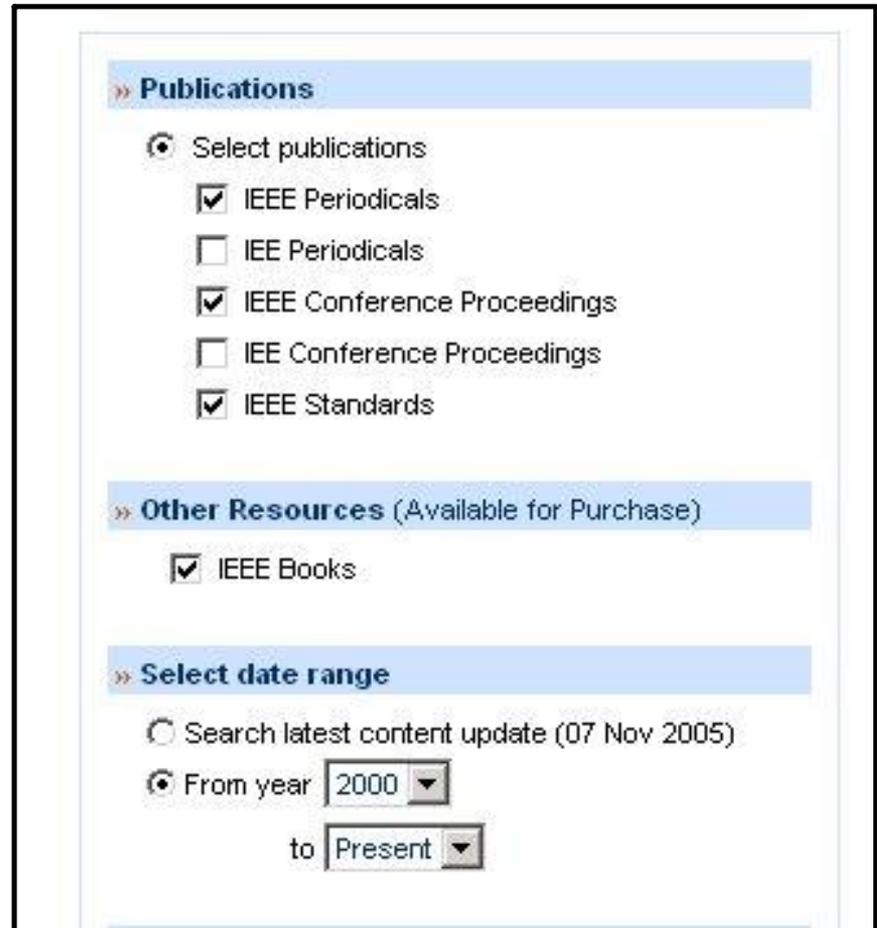
# IEEEExplore – Advanced Search

## Option 세부안내

IEEE 또는 IEE 선택  
정기간행물, 회의록, 규격 등  
종류별로 부분 선택 결과 출력

現 구입 가능한 IEEE 발간  
Hard Book 목록 나열 여부

검색결과 출력시 날짜제한



The screenshot shows the 'Advanced Search' options in IEEE Explore. It is divided into three sections: 'Publications', 'Other Resources (Available for Purchase)', and 'Select date range'. In the 'Publications' section, 'Select publications' is selected, and 'IEEE Periodicals', 'IEEE Conference Proceedings', and 'IEEE Standards' are checked. In the 'Other Resources' section, 'IEEE Books' is checked. In the 'Select date range' section, 'From year' is set to 2000 and 'to' is set to Present.

» Publications

- Select publications
  - IEEE Periodicals
  - IEE Periodicals
  - IEEE Conference Proceedings
  - IEE Conference Proceedings
  - IEEE Standards

» Other Resources (Available for Purchase)

- IEEE Books

» Select date range

- Search latest content update (07 Nov 2005)
- From year  to

# IEEE Explore – Advanced Search

The image shows a screenshot of the IEEE Explore Advanced Search interface with several settings highlighted by red boxes and arrows pointing to explanatory text boxes.

- Display Format:** A red box highlights the radio buttons for  Citation and  Citation & Abstract. An arrow points to a text box: "단순검색 결과와 초록과의 혼합검색 설정" (Setting for mixed search of simple search results and abstracts).
- Organize results:** A red box highlights the "Maximum" dropdown set to 100 and the "Display" dropdown set to 25 results per page. An arrow points to a text box: "최대 검색 결과분량 설정" (Setting for maximum search result volume).
- Sort by:** A red box highlights the "Sort by" dropdown set to Relevance. An arrow points to a text box: "관련성 / 연도 / 제목(A-Z) 순으로 결과를 배열" (Arrange results in order of relevance / year / title (A-Z)).
- In order:** A red box highlights the "In" dropdown set to Descending. An arrow points to a text box: "오름차순/내림차순 여부설정" (Setting for ascending/descending order).

The interface also shows a preview of the search results table with the following columns: Relevance, Year, and Document Title. Below the table, the sorting options are listed as Descending and Ascending.

# IEEE Explore – Author Search

**Author Search**      **BROWSE**      **SEARCH**      **IEEE XPLORÉ GUIDE**      **SUPPORT**

**OPTION 1**  
**Quick Find an Author:**  
Enter a name to locate articles written by that author.

>>

Example: Enter Lockett S to obtain a list of authors with the last name Lockett and the first initial S.

**OPTION 2**  
**Browse alphabetically**  
Select a letter from the list.

A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Select a name to view articles written by that author

<a href="#">A Khan S.</a>	<a href="#">A Min Tjoa</a>	<a href="#">A Tavora A. S.</a>
<a href="#">A'Hearn K.</a>	<a href="#">A'Ortendahl D.</a>	<a href="#">A'ain A. K. B.</a>
<a href="#">A'ain A. Kb.</a>	<a href="#">A-Buraiky S.</a>	<a href="#">A-Chang Hsu</a>
<a href="#">A-Cheng Wu</a>	<a href="#">A-Firna T.</a>	<a href="#">A-Khatib M. M.</a>
<a href="#">A-Megeed M.</a>	<a href="#">A-Ning Du</a>	<a href="#">A-Ping Zhang</a>
<a href="#">A-Rahim A. A.</a>	<a href="#">A-Rum Jun</a>	<a href="#">A-Shamsi S.</a>
<a href="#">A-Xin Nie</a>	<a href="#">A. C. Tsoi</a>	<a href="#">A. E. Hahn Jr.</a>
<a href="#">A. Fung</a>	<a href="#">A. H. You</a>	<a href="#">A. Jain</a>
<a href="#">A. L. Y. Low</a>	<a href="#">A. LaRiviere H. J.</a>	<a href="#">A. Medina</a>
<a href="#">A. Min Tjoa</a>	<a href="#">A. Testa</a>	<a href="#">A. Twumasi Y.</a>
<a href="#">A. Z. H. Wang</a>	<a href="#">Aa Johannessen E.</a>	<a href="#">Aa T. V.</a>
<a href="#">Aa'lam N.</a>	<a href="#">Aaberg I. A.</a>	<a href="#">Aaberge D.</a>
<a href="#">Aabloo A.</a>	<a href="#">Aabo T.</a>	<a href="#">Aabo Y.</a>
<a href="#">Aaby A. A.</a>	<a href="#">Aaccardo A.</a>	<a href="#">Aach T.</a>
<a href="#">Aad I.</a>	<a href="#">Aadahl P.</a>	<a href="#">Aadland O.</a>
<a href="#">Aadland O. S.</a>	<a href="#">Aadrul Islam A. K. M.</a>	<a href="#">Aadsen D.</a>
<a href="#">Aadsen D. R.</a>	<a href="#">Aaen I.</a>	

글을 쓴 저자의 이름으로 검색  
저자이름의 이니셜을 이용한 검색

Next 50

# IEEE Explore – Crossref Search

## The publishers currently participating in the CrossRef Search Pilot are:

- American Institute of Physics
- American Physical Society
- American Society of Civil Engineers
- Annual Reviews
- Ashley Publications
- Association for Computing Machinery
- BioMed Central
- Blackwell Publishing
- BMJ Publishing Group
- Cambridge University Press
- Cold Spring Harbor Laboratory Press
- FASEB
- IEEE
- INFORMS
- Institute of Organic Chemistry and Biochemistry, Academy of Sciences of the Czech Republic
- Institute of Physics Publishing
- International Union of Crystallography
- Investigative Ophthalmology and Visual Science
- Journal of Clinical Oncology

A group of leading publishers is participating in a CrossRef Search Pilot. Google has indexed the full text of scholarly documents on the publishers' websites through a CrossRef gateway. This effort focuses users' searches and reduces the noise produced by general web searches.

Crossref Search에 참가하고 있는 출판사명이 나열

35개 출판사에서 요청한 키워드 검색

Advanced search functions.



Please take a moment to tell us about your experience using the CrossRef Search by completing this [survey](#).

EEE. This  
n results  
tions.

r or

# IEEEExplore – Session History

Mon, 14 Nov 2005, 7:20:57 PM EST

## Search Query Display

Run Search

Reset

## Recent Search Queries

Results

#1	((hev)<in>metadata)	자신의 검색내역을 보여준다	136
#2	(COMPUTER<IN>metadata)		165084
#3	(CIRCUIT<IN>metadata)		201377

Clear Session History

# IEEE Explore – Content Updates

## Content Updates

Browse the latest update to see recently added content.

» [Latest Content Update](#)

업데이트 관련정보 제공

## Content Updates

IEEE Xplore posted new content in **158** publications in the latest update on **02 January 2007**. Select a date to check for recently added content.

### • Update in Journals and Magazines

[02 January 2007](#) | [26 December 2006](#) | [19 December 2006](#) | [11 December 2006](#)

### • Update in Conference Proceedings

[02 January 2007](#) | [26 December 2006](#) | [19 December 2006](#) | [11 December 2006](#)

### • Update in Standards

[02 January 2007](#) | [26 December 2006](#) | [19 December 2006](#) | [11 December 2006](#)

» [Content Updates: Archive](#)

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## Alerts

Register and access your tables of contents alerts.

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## E-mail Alert

## RSS Alert

Alert Status	Title	Latest Issue	RSS Feed	Issues Per Year
<input type="checkbox"/>	<a href="#">Advanced Packaging, IEEE Transactions on [see also Components, Packaging and Manufacturing Technology, Part B: Advanced Packaging, IEEE Transactions on]</a>	<a href="#">View TOC</a>		4
<input type="checkbox"/>	<a href="#">Aerospace and Electronic Systems Magazine, IEEE</a>	<a href="#">View TOC</a>		12
<input type="checkbox"/>	<a href="#">Aerospace and Electronic Systems, IEEE Transactions on</a>	<a href="#">View TOC</a>		4
<input type="checkbox"/>	<a href="#">Annals of the History of Computing, IEEE</a>	<a href="#">View TOC</a>		4
<input checked="" type="checkbox"/>	<a href="#">Antennas and Propagation Magazine, IEEE</a>	<a href="#">View TOC</a>		6
<input type="checkbox"/>	<a href="#">Antennas and Propagation, IEEE Transactions on</a>	<a href="#">View TOC</a>		12
<input checked="" type="checkbox"/>	<a href="#">Antennas and Wireless Propagation Letters</a>	<a href="#">View TOC</a>		1
<input checked="" type="checkbox"/>	<a href="#">Applied Superconductivity, IEEE Transactions on</a>	<a href="#">View TOC</a>		6
<input type="checkbox"/>	<a href="#">Audio, Speech and Language Processing, IEEE Transactions on [see also Speech and Audio Processing, IEEE Transactions on]</a>	<a href="#">View TOC</a>		6
<input type="checkbox"/>	<a href="#">Automatic Control, IEEE Transactions on</a>			12
<input type="checkbox"/>	<a href="#">Automation Science and Engineering, IEEE Transactions on [see also Automation, IEEE Transactions on]</a>			4
<input type="checkbox"/>	<a href="#">Biomedical Engineering, IEEE Transactions on</a>	<a href="#">View TOC</a>		12
<input type="checkbox"/>	<a href="#">Broadcasting, IEEE Transactions on</a>	<a href="#">View TOC</a>		4

E-mail과 RSS를 통해 업데이트정보를 제공