



IGI Global Electronic Databases

Overview of IGI Global Research and
New XML-Powered E-Resources Platform

**Subject
Databases**



**InfoSci
Databases**

eAccess

BUSINESS-TECHNOLOGY-
SOLUTION

www.igi-global.com

IGI Global

Founded in 1987, IGI Global (formerly Idea Group Inc.) is an innovative international disseminator of knowledge, currently specializing in information science, technology, and management books, journals, teaching cases, and conference proceedings.

Through the imprints **Information Science Reference** and **Medical Information Science Reference**, **Business Science Reference**, and **Engineering Science Reference** IGI Global produces distinguished research publications empowering professionals in all fields that are impacted by technology to keep up with the rapid pace of technological innovations and findings, with a unique focus on the “human side”—interaction with and management of information and technology.

To provide libraries with research collections of all content from these imprints, IGI Global launched its full-text databases:

- **InfoSci-Books**
- **InfoSci-Journals**
- **InfoSci-Cases**
- **Business-Technology-Solution**
- **10 InfoSci-Subject Databases**
- **InfoSci-On-Demand**

Research on the Cutting-Edge

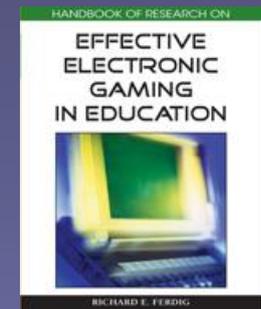
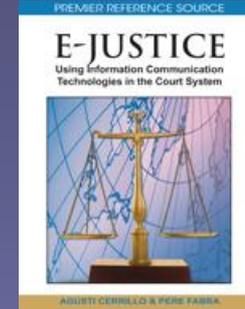
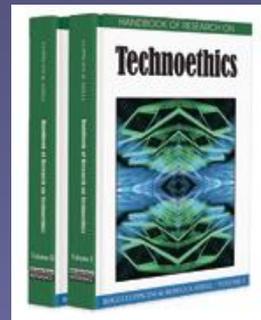
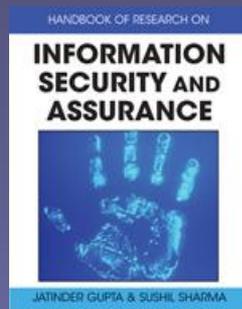
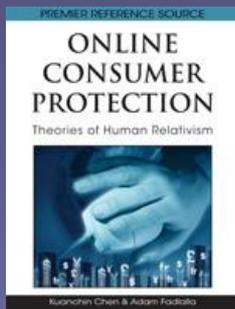
- IGI Global has strong ties internationally with top scientists, researchers, and practitioners in computer science, information technology, biomedical informatics, and related fields
- IGI Global quickly identifies emerging topic areas and disseminates research rapidly
- **Result for the user:** access to the leading edge of research topics that will drive the **next generation** of applied technology innovations across multiple disciplines!

Authoritative Content

- Double-blind, peer-reviewed chapters and articles
- Distinguished editors-in-chief, associate editors, and review boards for journals, book series, edited books, and reference works
- Authors and editors selected for expertise in topic areas
- Collaborative coverage of interdisciplinary subject areas

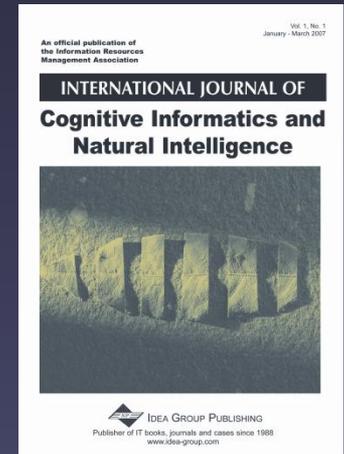
Unmatched Coverage of Specialized Topics

- Strong coverage of core computer science topics such as artificial intelligence, data mining and warehousing, Semantic Web services, and more
- Strong coverage of the “human side” of technology
 - Not just technical issues, but research exploring what people and organizations *do* with technology in specific settings
 - Business
 - Education
 - Social Sciences
 - Government
 - Healthcare
 - And much more!
- Social and interpersonal issues
- Leading publisher of research in educational technology, distance learning



What's Different About IGI Global Publications?

- **Timely, relevant content**
 - IGI Global publications cover the most cutting-edge, authoritative research on critical, specialized topics in computer science and information technology management
 - Rapid publication cycle ensures prompt dissemination of the latest findings
- **“Technology and people”**
 - In addition to strong coverage of core computer science topics, the publications reflect IGI Global’s unique focus on the organizational, behavioral, social, and interpersonal impacts of technology
- **Depth and breadth of coverage**
 - IGI Global’s portfolio covers technological innovations and findings with a comprehensiveness unmatched by any other publisher



InfoSci-Books

IGI GLOBAL
DISSEMINATOR OF KNOWLEDGE Publishing Academic Excellence Since 1988

Home My Profile Register

E-Resources Help

E-Database Tools

- Database Search
- Librarian Corner
- Help
- User Guide
- Advisory Board

Research Collections

View The Citadel's IGI Global Research Collection.

- InfoSci-Books
- InfoSci-Journals

*...delivers excellent content efficiently and satisfyingly. It features a fast and effective way to get at timely

The Citadel's IGI Global's InfoSci-Books

Filter by Title: Filter Reset Total Results: 1191

Book Title	DOI	ISBN13	ISBN10	EISBN13
 3D Modeling and Animation	10.4018/978-1-59140-299-2	9781591402992	1591402999	9781931777995
 A Primer for Disaster Recovery Planning in an IT Environment	10.4018/978-1-87828-981-0	9781878289810	1878289810	9781930708723
 Adaptable and Adaptive Hypermedia Systems	10.4018/978-1-59140-567-2	9781591405672		

News

Visit "My Profile" to save search results, preferences, and to request updates. Institutions can now use the "Librarian Corner" to download COUNTER compliant reports and learn more about IGI Global's free educational resources.

Our Partners

RefWorks

crossref

POWERED BY: <xml />

- The solution for full-text access to all IGI Global books and reference works from 2000-present
- Over 40,000 chapters in PDF from 1,200+ books and reference titles
- Fraction of the cost of the equivalent print collection
- Abstract & index records for each chapter
- Strong search functionality and user-friendly interface

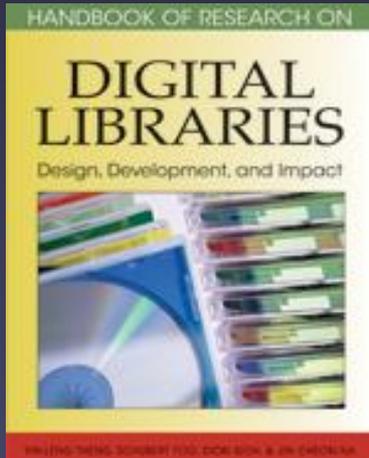
BEST REFERENCE DATABASE

Library Journal, April 15, 2009

Sample Titles of Recent Books

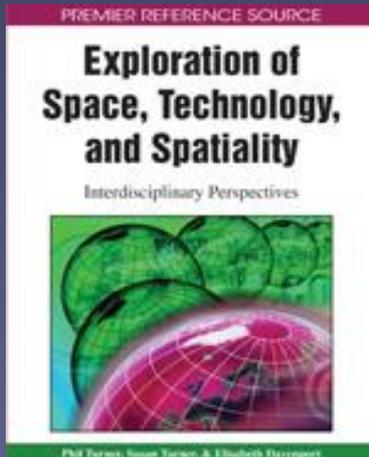
- Handbook of Research on Digital Libraries: Design, Development, and Impact
- Medical Informatics in Obstetrics and Gynecology
- Social Computing in Homeland Security: Disaster Promulgation and Response
- Automotive Informatics and Communicative Systems: Principles in Vehicular Networks and Data Exchange
- E-Banking Management: Issues, Solutions, and Strategies
- Handbook of Research on Computational Arts and Creative Informatics
- Handbook of Research on Synthetic Emotions and Sociable Robotics: New Applications in Affective Computing and Artificial Intelligence
- Mobile and Ubiquitous Commerce: Advanced E-Business Methods
- Games-Based Learning Advancements for Multi-Sensory Human Computer Interfaces: Techniques and Effective Practices
- Multimodal Human Computer Interaction and Pervasive Services
- Localization Algorithms and Strategies for Wireless Sensor Networks
- Biological Data Mining in Protein Interaction Networks
- Multimedia Forensics and Security
- Computational Intelligence in Archaeology
- Handbook on Advancements in Smart Antenna Technologies for Wireless Networks
- Encyclopedia of Human Resources Information Systems: Challenges in e-HRM
- Social Networking Communities and E-Dating Services: Concepts and Implications
- Model-Driven Software Development: Integrating Quality Assurance
- Information Technology Governance and Service Management: Frameworks and Adaptations
- Exploration of Space, Technology, and Spatiality: Interdisciplinary Perspectives
- Gender and Information Technology: Moving Beyond Access to Co-Create Global Partnership
- Patient-Centered E-Health
- Software Engineering: Effective Teaching and Learning Approaches and Practices
- Contemporary Research in E-Branding
- Cognitive Effects of Multimedia Learning

Popular IGI Global Book Titles



"This book brings together researchers working at the intersections of digital, geographical, geometric, linguistic, information and organizational space. They address complex and challenging issues which cross traditional domains of study, and together bridge perspectives from information science, geography, design, anthropology, computing, psychology and philosophy."

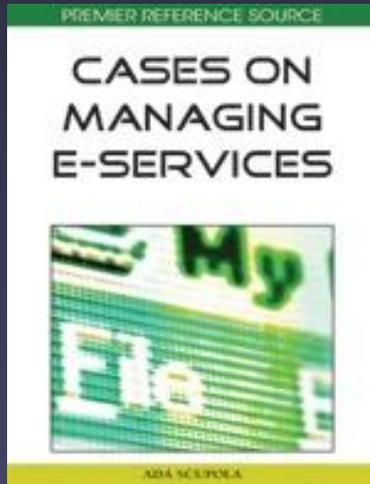
- Phil Turner, Napier University, UK



"This handbook aims to provide comprehensive coverage and definitions of the most important issues, concepts, trends and technologies relating to digital library technology and applications."

- Yin-Leng Theng, Nanyang Technological University, Singapore

IGI Global Casebooks

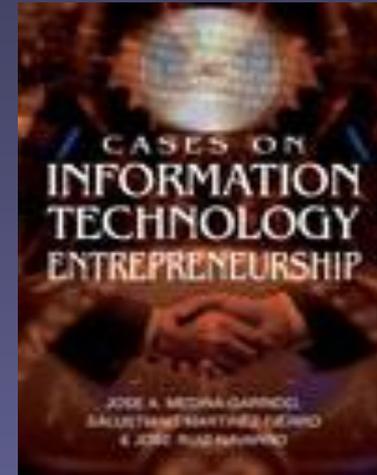


"Editor Scupola has compiled these research studies on the management of e-services, providing both information service technicians and managers with the latest technical advances in business-to-business, business-to-consumer, and e-government applications."

-*Book News Inc.* (February 2009)

"Medina-Garrido et al. assemble 14 case studies on how information technology can be the basis for entrepreneurship. Contributors from Europe and the US, who work in business, economics, and entrepreneurship, management and other fields, provide cases that provide firm creation by individual entrepreneurs as well as corporate entrepreneurship."

- *Books News Inc.* (2008)



InfoSci-Journals

- Full-text collection of IGI Global journals for a fraction of print subscription cost
- Over 4,000 articles in PDF from 100+ journals
- 75,000+ reference citations
- Timely access to current issues, no embargo
- Updated continuously with new issues before print release
- Abstract and indexing records enhance search and retrieval
- MARC records and journal persistent URLs provided
- Strong search functionality and user-friendly interface

The screenshot displays the IGI Global website interface for Nova Southeastern University's InfoSci-Journals. The header includes the IGI Global logo with the tagline "DISSEMINATOR of KNOWLEDGE Publishing Academic Excellence Since 1988" and navigation links for Home, My Profile, and Register. Below the header, there are sections for "E-Database Tools" (Database Search, Librarian Corner, Help, User Guide, Advisory Board) and "Research Collections" (View Nova Southeastern University's IGI Global Research Collection, InfoSci-Journals, E-Access Books, E-Access Journals). The main content area features a search filter by title, a "Filter" button, a "Reset" button, and a "Total Results: 110" indicator. A table lists journal titles with their respective DOIs, ISSNs, and EISSNs. The table includes "Information Resources Management Journal" (DOI: 10.4018/irmj, ISSN: 1040-1628, EISSN: 1533-7979) and "International Journal of Actor-Network Theory and Technological Innovation" (DOI: 10.4018/ijantti, ISSN: 1942-535X, EISSN: 1942-5368). A partial entry for "International Journal of Adaptive, Resilient and Autonomic" is also visible. On the right side, there are sections for "News" (Visit "My Profile" to save search results, preferences, and to request updates. Institutions can now use the "Librarian Corner" to download COUNTER compliant reports and learn more about IGI Global's free educational resources.) and "Our Partners" (RefWorks, crossref, POWERED BY: <xml />).

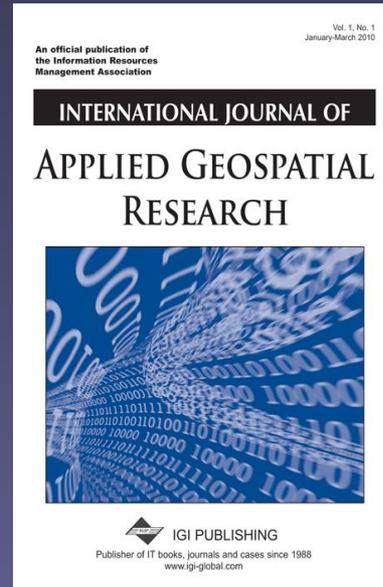
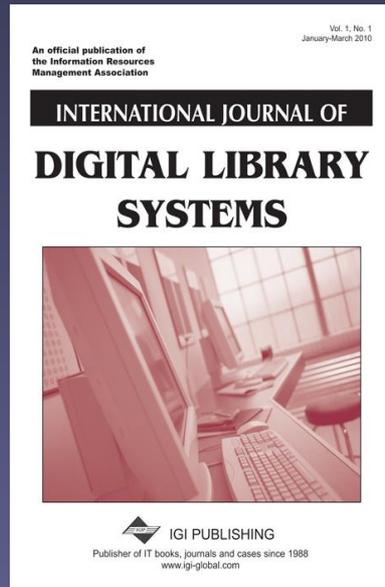
IGI Global Journals

- Information Resources Management Journal
- Journal of Organizational and End User Computing
- Journal of Database Management
- Journal of Global Information Management
- Journal of Cases on Information Technology
- International Journal of Distance Education Technologies
- International Journal of IT Standards and Standardization Research
- Journal of Electronic Commerce in Organizations
- International Journal of Web Services Research
- International Journal of Business Data Communications and Networking
- International Journal of Cases on Electronic Commerce
- International Journal of Data Warehousing and Mining
- International Journal of E-Business Research
- International Journal of e-Collaboration
- International Journal of Electronic Government Research
- International Journal of Enterprise Information Systems
- International Journal of Information and Communication Technology Education
- International Journal of Intelligent Information Technologies
- International Journal of Knowledge Management
- International Journal on Semantic Web and Information Systems
- International Journal of Technology and Human Interaction
- International Journal of Healthcare Information Systems and Informatics
- International Journal of Information Technology and Web Engineering
- International Journal of Web-Based Learning and Teaching Technologies
- International Journal of Cognitive Informatics and Natural Intelligence
- International Journal of Information Security and Privacy
- Journal of Information Technology Research
- International Journal of Information Systems and Supply Chain Management
- International Journal of Information Technologies and Systems Approach
- International Journal of Ambient Computing and Intelligence
- International Journal of Sociotechnology and Knowledge Development
- International Journal of E-Services & Mobile Applications
- International Journal of Decision Support System Technology
- International Journal of Nanotechnology and Molecular Computation
- International Journal of Mobile and Blended Learning
- International Journal of Virtual Communities and Social Networking
- International Journal of Actor-Network Theory and Technological Innovation
- International Journal of Mobile Human Computer Interaction
- International Journal of Grid and High Performance Computing
- International Journal of Digital Crime and Forensics
- International Journal of E-Adoption
- International Journal of Healthcare Delivery Reform Initiatives
- International Journal of Advanced Pervasive and Ubiquitous Computing
- International Journal of Information Systems for Crisis Response and Management
- International Journal of Mobile Computing and Multimedia Communications
- International Journal of Web Portals
- International Journal of Information Communication Technologies and Human Development
- International Journal of Information Systems in the Service Sector
- International Journal of Agent Technologies & Systems
- International Journal of Interdisciplinary Telecommunications & Networking
- International Journal of Software Science and Computational Intelligence
- International Journal of Open Source Software & Processes
- International Journal of Gaming and Computer-Mediated Simulations



IGI Global Journals Collection is Growing

IGI Global's journal
collection now contains 102
titles and is expanding to
125+ by the end of 2010



New IGI Global Journals Offer:

- ✓ **Faster dissemination** of cutting-edge research materials
- ✓ Access to the **latest subject areas** being explored within the field of IS&T
- ✓ Opportunities for **collaboration** and **future research**
- ✓ A **variety** of research studies conveniently located in one publication
- ✓ **Comprehensive coverage** of high-quality, peer-reviewed information from authoritative experts in the field

IGI Global Journal Indexing

- ABI/Inform
- Aluminum Industry Abstracts
- Bacon's Media Directory
- Burrelles' Media Directory
- Cabell's Directory
- Ceramic Abstracts
- Compendex (Elsevier Engineering Information)
- CompuMath Citation Index
- Computer and Information Systems Index
- Corrosion Abstracts
- CSA Civil Engineering Abstracts
- CSA Illumina
- CSA Mechanical & Transportation Engineering Abstracts
- Current Contents/Engineering, Computing & Technology (ISI)
- Current Contents/Social & Behavioral Sciences
- DBLP
- DEST Register of Refereed Journals
- EBSCOhost's Business Source
- EBSCOhost's Computer & Applied Sciences Complete
- EBSCOhost's Computer Science Index
- EBSCOhost's Computer Source
- EBSCOhost's Current Abstracts
- EBSCOhost's Library/Information Science & Technology Abstracts
- Electronics and Communications Abstracts
- Emerald Abstracts
- Engineered Materials Abstracts
- Gale Directory of Publications & Broadcast Media
- GetCited
- H.W. Wilson Business Abstracts
- The Index of Information Systems Journals
- INSPEC
- Internet & Personal Computing Abstracts
- ISBIB
- ISI Research Alert
- ISI Web of Science
- Library and Information Science Abstracts
- Library Literature and Information Science
- Materials Business File
- Steels Alert
- MediaFinder.com
- PsycINFO
- PubList.com
- SCOPUS
- Science Citation Index Expanded (ISI)
- Social Science Citation Index
- Solid State and Superconductivity Abstracts
- Standard Periodical Directory
- Ulrich's International Periodicals Directory

Honorable Mentions

Journal of Database Management was ranked as an “A” journal by the Australia Research Council



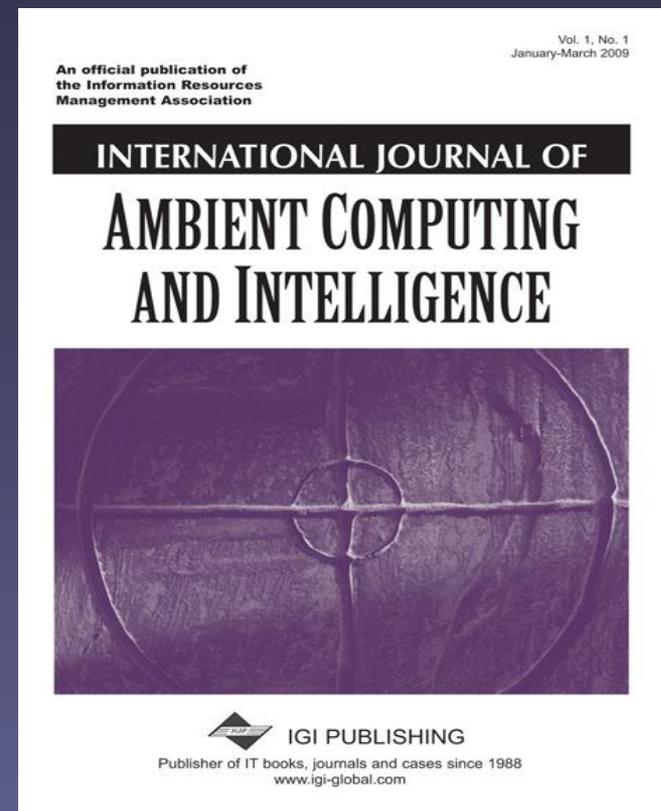
- The National Committee of Scientific Research in France (Comité National de la Recherche Scientifique - CNRS) included the **International Journal of Technology and Human Interaction (IJTHI)** in the Information Systems category of their recently released “Categorization of Journals in Economics and Management.”
- Five of IGI Global’s journals have the distinction of indexing in Thomson ISI databases:
 - **Journal of Database Management**
JDM is ranked FIRST in terms of Immediacy Index in its categories.
 - **International Journal of Web Services Research**
Impact Factor: 1.2
 - **Journal of Global Information Management**
Impact Factor: 1.387
 - **International Journal on Semantic Web and Information Systems**
Impact Factor: 1.8
 - **International Journal of Data Warehousing and Mining**
Coverage Included in Science Citation Index Expanded and Current Contents - Engineering, Computing & Technology

High-Demand, Innovative Topic Areas

International Journal of Ambient Computing and Intelligence (IJACI)

- Distributed computing, human computer interaction, and ubiquitous computing fields combined similar studies to evolve into the revolutionary new discipline of **ambient intelligence**
- Highly accomplished researcher and scholar Dr. Kevin Curran recognized the need for a journal to cover this innovative new topic area
- Dr. Curran became the first in this hybrid field to create a publication through devoted to uniting the interdisciplinary fields

Editor-in-Chief: Dr. Kevin Curran



Interdisciplinary Research *International Journal of Agent Technologies & Systems (IJATS)*

Editor-in-Chief: Dr. Goran Trajkovski



“We see a need for an open forum for exchange of ideas, so that none of us reinvents the wheel,” says Dr. Trajkovski. “Often times the solutions we are looking for can be found in a different discipline, in a different context. At different conferences I would organize interdisciplinary forums, and the experience of the cross-disciplinary dialogue has been more than rewarding. Editing or writing interdisciplinary volumes further reinforced my dedication to interdisciplinarity - and this journal is all about it!”

<http://slurl.com/secondlife/Dreyfus/224/96>

Collecting the Pieces

International Journal of Information Technologies and the Systems Approach (IJITSA)

Editors-in-Chief:

Dr. David Paradice & Dr. Manuel Mora



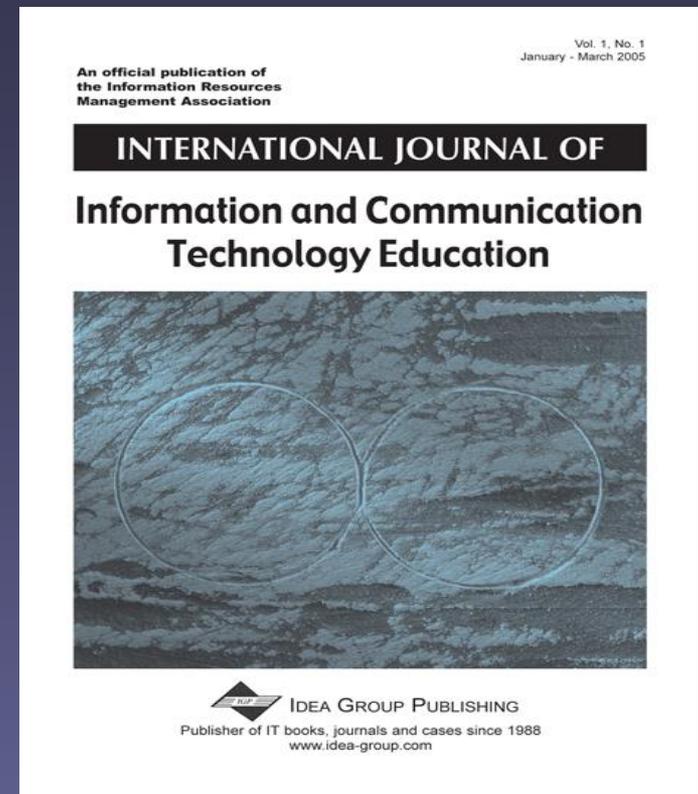
- IJITSA examines the **interaction** between components of information-technology-based organizational systems, as well as the overall management and engineering of an IS/IT function, processes or area in organizations.
- “A systems approach is synthetic; it examines the interplay between the components of a system rather than analyzing the components individually.” – Dr. Paradice

New Strategies & Tools to Advance Current Practices

International Journal of Information and Communication Technology Education (IJICTE)

Editor-in-Chief:
Dr. Lawrence Tomei

The journal publishes articles, papers, and manuscripts promoting the advancement of teaching with technology at all levels of education encompassing all domains of learning and purposes to serve as a medium for introducing, collaborating, analyzing, synthesizing, and evaluating new and innovative contributions to the theory, practice, and research of technology education applicable to K-12 education, higher education, and corporate and proprietary education.



Searching IGI Global's New Platform and XML-Powered Engine

Record structure provides for five main search options:

- **Basic** Search
- **Advanced** Search
- **Keyword** Search
- **Subject** Search
- **Expert** Search

Search by Subject

Content arranged under **52 broad topic headings** including:

- IT Education
- Electronic Commerce
- Human Aspects of Technology
- Health Information Systems
- Database Technologies and Applications
- Mobile/Wireless Computing
- Social Computing
- Knowledge Management
- And more...

The screenshot displays the 'Georgetown College Library's Database Search' interface. At the top, there are navigation tabs for 'Basic', 'Advanced', 'Keyword', 'Subject', and 'Expert', with 'Subject' selected. Below the tabs, the 'Search by Subject' section is active, showing a list of subject headings under the heading 'Information Science'. A 'Back' link is visible above the list. The list includes: Artificial Intelligence, Cognitive Informatics, Data Mining/Databases, Educational Technologies, Electronic Government, Electronic Services, Environmental Technologies, Global Information Technology, High Performance Computing, Human Aspects of Technology, Information Resources Management, Industrial Informatics, IT Policy & Standardization, IT Research & Theory, and IT Security/Ethics. On the left side, there are two sidebar sections: 'E-Database Tools' with links for Database Search, Librarian Corner, Help, User Guide, and Advisory Board; and 'Research Collections' with a description of the IGI Global Research Collection and links for InfoSci-Books, InfoSci-Journals, and E-Access Books. On the right side, there are three sections: 'News' with a paragraph about 'My Profile' and COUNTER reports; 'Our Partners' featuring RefWorks and Crossref logos with the text 'POWERED BY: <xml />'; and 'IGI Global Online Symposium Series' with a description of the series.

Search by Keyword

articles within the database, but remain in order to allow for the ease of growth and expansion as the content of InfoSci-Online increases.

... delivers excellent content efficiently and satisfyingly. It features a fast and effective way to get at timely information."

- Cheryl LaGuardia,
Research Librarian, Harvard University

★★★★★★★★★★
Rated 10 out of 10 in Library Journal

Education

[Back](#)

- [Distance Education/Distance Learning](#)
 - [Action Learning](#)
 - [Asynchronous Communications](#)
 - [Asynchronous Discussion](#)
 - [Asynchronous Education](#)
 - [Computer Mediated Communication](#)
 - [Computer-based Instruction](#)
 - [Computer-Based Training](#)
 - [Conferencing Technologies](#)
 - [Correspondence Courses](#)
 - [Course Web Site](#)
 - [Distance Education](#)
 - [Distance Education Resources](#)
 - [Distance Education Courses](#)
 - [Distance Learning](#)
 - [Electronic Mail \(Email\)](#)
 - [IT Education](#)
 - [Interactive Television](#)
 - [Internet Access](#)
 - [Internet-Based Instruction](#)
 - [Learning Communities](#)

<xml />

IGI Global Online Symposium Series

IGI Global's Online Symposium Series promotes new techniques and technologies applicable to research and instruction and connects researchers to an international network of field experts.

Upcoming symposium:

Report From The United Nations Climate Change Conference In Copenhagen: Implications For Human Health (Dr. Lynn Wilson, IGI Global Editor and Executive Director of the SeaTrust Institute) January 28th 1pm EST

[Sign up](#) for this free online event.

• **Controlled keywords** add precision to retrieval.

• **Keywords organized into 11 main categories** and numerous subcategories. Main categories include:

- Business Management
- Education
- Electronic Commerce
- Environmental IS
- Library Science
- Social Science
- Healthcare
- And more...

Basic Search

The screenshot shows the IGI Global website header with navigation links for Home, My Profile, and Register. Below the header is a dark bar with 'E-Resources' and 'Help'. The main content area is titled 'Georgetown College Library's Database Search' and features a search interface with tabs for Basic, Advanced, Keyword, Subject, and Expert. The 'Basic' tab is active, showing a 'Full Text Search' section with a search input field, radio buttons for 'Full Text', 'Titles', and 'Authors', and a 'Search' button. Below the search field is a box for 'Example search terms' listing 'Online Learning', 'Data Mining', and 'E-Commerce'. On the left, there are two sidebars: 'E-Database Tools' with links to Database Search, Librarian Corner, Help, User Guide, and Advisory Board; and 'Research Collections' with a link to view the Georgetown College Library's IGI Global Research Collection and links to InfoSci-Books, InfoSci-Journals, and E-Access Books. On the right, there are two sections: 'News' with a message about 'My Profile' and 'Librarian Corner', and 'Our Partners' featuring the RefWorks logo and the text 'POWERED BY: <xml />'. A quote at the bottom left of the screenshot reads: '...delivers excellent content efficiently and satisfyingly. It

Take advantage of full-text searching options.

Advanced Search

IGI GLOBAL
DISSEMINATOR OF KNOWLEDGE Publishing Academic Excellence Since 1988

Home My Profile Register

E-Resources Help

Georgetown College Library's Database Search

Basic **Advanced** Keyword Subject Expert

Build an Advanced Search

Search Field	Search Term	
Author/Editor Last Name		And
DOI		And
Keyword		And Or Not

Search

Example search terms:

- Author/Editor Last Name: Smith
- ISBN: 9781591408192

News
Visit "My Profile" to save search results, preferences, and to request updates. Institutions can now use the "Librarian Corner" to download COUNTER compliant reports and learn more about IGI Global's free educational resources.

Our Partners
RefWorks
crossref
POWERED BY:
<xml/>

E-Database Tools

- Database Search
- Librarian Corner
- Help
- User Guide
- Advisory Board

Research Collections

View Georgetown College Library's IGI Global Research Collection.

- InfoSci-Books
- InfoSci-Journals
- E-Access Books

*...delivers excellent content efficiently and satisfyingly. It

Search by bibliographic elements using Advanced options, including:

- Author/editor
- Title
- ISSN/ISBN
- DOI
- Keyword
- And more

Expert Search

The screenshot shows the 'Expert Search' interface of Georgetown College Library's Database Search. At the top left is the IGI Global logo with the tagline 'DISSEMINATOR OF KNOWLEDGE Publishing Academic Excellence Since 1988'. Navigation links for 'Home', 'My Profile', and 'Register' are at the top right. A dark bar below the header contains 'E-Resources' on the left and 'Help' on the right. The main content area is titled 'Georgetown College Library's Database Search' and features a tabbed interface with 'Basic', 'Advanced', 'Keyword', 'Subject', and 'Expert' tabs. The 'Expert' tab is active. Under the heading 'Full Text Filtering', there are three search criteria sections: 'Basic Search' with a text input field; 'Words for Weighted Matching' with a text input field and the instruction 'Enter search terms and weights in semi-colon delimited pairs. Ex.: data;70;xml;15;tuples;15'; and 'Words to Exclude' with a text input field and the instruction 'Enter terms to exclude in your search'. A 'Search' button is located at the bottom left of the search area. On the left side, there are two sidebar sections: 'E-Database Tools' with links to 'Database Search', 'Librarian Corner', 'Help', 'User Guide', and 'Advisory Board'; and 'Research Collections' with a link to 'View Georgetown College Library's IGI Global Research Collection.' and sub-links for 'InfoSci-Books', 'InfoSci-Journals', and 'E-Access Books'. On the right side, there are two sidebar sections: 'News' with text about 'My Profile' and 'Librarian Corner' features, and 'Our Partners' with logos for 'RefWorks' and 'crossref', and the text 'POWERED BY: <xml/>'.

Receive exact search results with weighted matching.

Search Results

The **search results page** is a ranked listing with basic information—title, year, and author. The user can then narrow their search options further by using the left navigation features.

The screenshot shows a search results page for the query "data mining". At the top, there is a magnifying glass icon and a link to "Return to Search Page". Below this, a summary of search results is provided: "Search results from: 28244 Book Chapters. 2358 Reference Books. 3539 Journal Articles. 110 Journals. 271 Teaching Cases. Total results: 4832". The search results are displayed in a list format, with filters for "Full Text", "Titles", and "Authors". The left sidebar offers navigation options under "Narrow Your Search by", including "Subject (Top 5)" (Data Mining, Knowledge Management, KM, information technology, Information Systems) and "Author (Top 5)" (Taniar, David; Gottschalk, Petter; Wickramasinghe, Nilmini; Wang, John; Targowski, Andrew). The main results list includes:

- Journal Article**: "A Comparison and Scenario Analysis of Leading Data Mining Software" by Hollister, Kimberly; Hu, Xiaohua; Wang, John; Zhu, Dan (2008), *International Journal of Knowledge Management*. Rating: 5 stars. Includes PDF Full Text and See The Abstract links.
- Journal Article**: "Data Mining in Web Services Discovery and Monitoring" by Nayak, Richi (2008), *International Journal of Web Services Research*. Rating: 5 stars. Includes PDF Full Text and See The Abstract links.
- Journal Article**: "Ontology for Data Mining and its Application to Mining Incomplete Data" by Wang, Hai (2008), *Journal of Database Management*. Rating: 5 stars. Includes PDF Full Text and See The Abstract links.
- Book Chapter**: "Internet Delivery of Distributed Data Mining Services" by Krishnaswamy, Shonali; Loke, Seng Wai; Zaslavsky, Arkady (2003), *Architectural Issues of Web-Enabled Electronic Business*. Rating: 5 stars. Includes PDF Full Text and See The Abstract links.
- Book Chapter**: "Data Mining for Web-Enabled Electronic Business Applications" by Nayak, Richi (2003), *Architectural Issues of Web-Enabled Electronic Business*. Rating: 5 stars. Includes PDF Full Text and See The Abstract links.
- Book Chapter**: "Data Mining and Business Intelligence" by Han, Jeffrey (2004), *Business Intelligence in the Digital Economy*. Rating: 5 stars.

Abstracts

- [Database Search](#)
- [Librarian Corner](#)
- [Help](#)
- [User Guide](#)
- [Advisory Board](#)

Research Collections

View IGI Global's IGI Global Research Collection.

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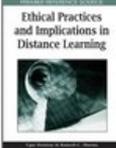
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Preparing Faculty to Integrate Ethics into Online Facilitation



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Abstract
This qualitative case study was designed to determine the extent to which a framework for exploring ethical principles for online facilitation is integrated into an online training course for faculty preparing to teach online. Specifically, this study examined the extent to which the principles of ethical teaching are addressed in an asynchronous faculty training course where participants complete learning activities designed to promote comprehension, application, and synthesis of ethical principles for teaching. Content analysis was performed on archived discussion forum transcripts from 18 randomly selected faculty members over a 12-month period. This chapter summarizes the ethical themes that emerged through content analysis.

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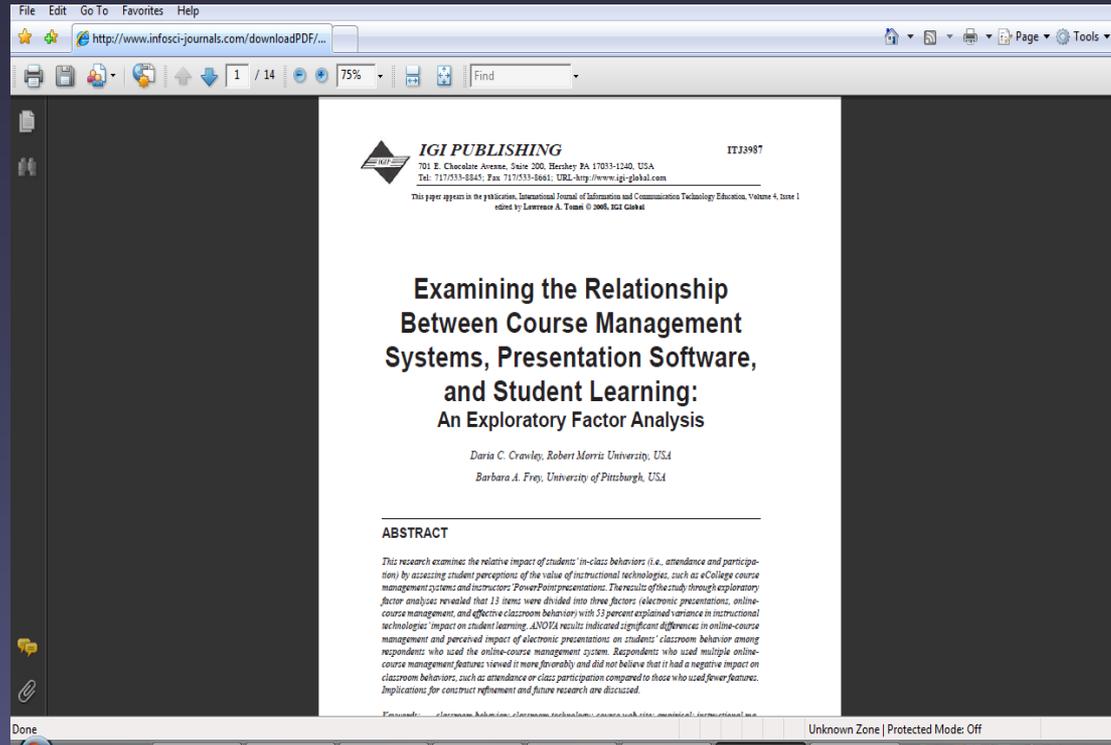
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radius a and are placed along the z -axis, separated by a distance Δz . The port of each antenna is center loaded with an impedance of Z_0 Ohms primarily to make them resonant and thereby increase its efficiency. Figure 1 shows the model of the antenna arrays. To simplify the problem, the following assumptions are made (Djordjevic, 1995; Strait 1973):

- The current flows only along the direction of the wire axes (z -axis in this case) and there is no circumferential variation of the current.
- The current and charge densities on the wire are approximated by filaments of current and the charge distribution on the wire axes.
- Surface boundary conditions can be applied to the relevant axial component on the wire axes. Figure 1. Linear array of thin wire dipole model

Consider an incident electric field E^{inc} impinging on the array, the relationship between the incident field and current on the wires that describes the behavior of the array can be expressed by the following integral equation (Ade, 2000; Sarkar, 2003):

$$E^{inc}(z) = \frac{1}{j\omega 4\pi\epsilon_0} \left[(k^2 + \nabla \cdot \nabla) \int_L I(z') G(z, z') dz' \right]$$

$$= -\mu_0 \int_{-L}^L I(z') \frac{\partial G(z, z')}{\partial z} dz' + \frac{1}{\epsilon_0} \frac{\partial}{\partial z} \int_{-L}^L \frac{\partial I(z')}{\partial z'} \frac{\partial G(z, z')}{\partial z'} dz'$$

where the integration is carried out along the axis of the thin wires. $G(z, z') = e^{-jkR}/R$ denotes the Green's function where k is the wave number in free space, and $R = \sqrt{(z - z')^2 + a^2}$ represents the displacement from a current filament z' to a point of observation z . ∇ is the divergence/gradient operator. In addition, μ_0 and ϵ_0 are the permeability and permittivity of free space, respectively. To determine the current distribution along the wires, we expand the unknown currents in terms of some known basis functions with unknown constants:

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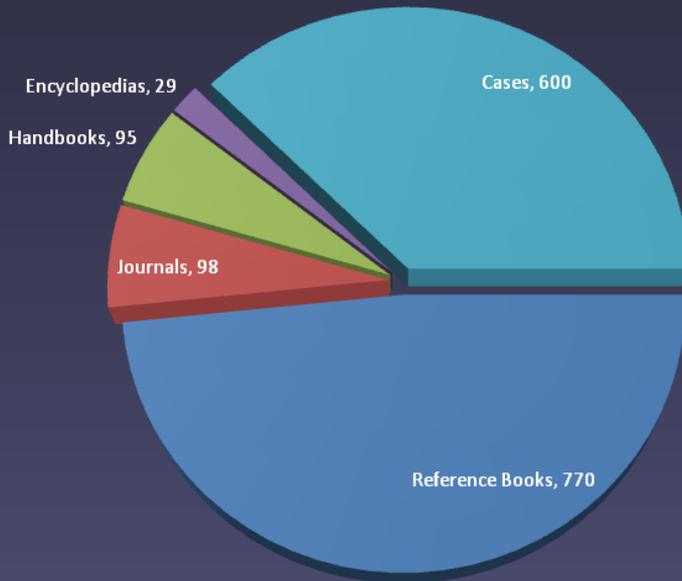
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