2012 Index
International Arab Journal of e-Technology
Vol.2

This index covers all papers that appeared in IAJeT during 2011 and 2012. The author's index contains the primary enter for each item, listed under the first author's name. The primary entry includes the coauthor's names, the title of the paper, journal abbreviation, month, year, and inclusive pages. The subject's index contains entries describing the item under all appropriate subject headings based on the keywords specified by the author. Each entry includes the title of the paper, the author's names, journal abbreviation, month, year, and inclusive pages.

Author Index

Abdual Kader H., *see* Salama D., *IAJeT June 2011 112-123.*

Abdual Kader H., *see* Salama D., *IAJeT January 2011 1-10.*

Abdul- Kader H., *see* Abdul Salam M., *IAJeT January 2012 145-151.*

Abdul Salam M., and Abdul- Kader H., evaluation of differential evolution and particle swarm optimization algorithms at training of neural network for stock prediction, *IAJeT January 2012 145-151.*

Abu-Shanab E., digital government adoption in jordan: an environmental model, *IAJeT Special Issue 2012 -.*

Al Hayek W., an effective method for data compression based on adaptive character wordlength, *IAJeT June 2012 197-202.*

Alabady S., simulation and best design of an optical single channel in optical communication network, *IAJeT June 2011 91-95.*

Al-Afari F., *see* Mohamed M., *IAJeT January 2011 11-17.*

Al-Kholy M., Khalifa A., and El-saied M., a systematic approach for agent design based on UML, *IAJeT June 2011 105-111.*

AL-Mukhtar M., and Hadi S., developing a three-tier web data management application for higher education admission environment, *IAJeT June 2012 175-180.*

Alsaied M., *see* Elazony M., *IAJeT January 2011 36-43.*

Alsaleem S., automated arabic text categorization using SVM and NB, *IAJeT June 2011 124-128.*

Alzaza N., opportunities for utilizing mobile learning services in the palestinian higher education, *IAJeT June 2012 216-222.*

Amel B., *see* Elberrichi Z., *IAJeT June 2012 210-215.*

Arteimi M., *see* Verma S., *IAJeT January 2012 152-160.*

Bamatraf M., *see* Mohamed M., *IAJeT January 2011 11-17.*

Bani-Ahmad S., the anatomy of a domain-specific search-phrase suggestion tool for literature digital libraries, *IAJeT January 2012 136-144.*

Chaw Seng W., and Mirisaee S., a simple approach for education using virtual human dataset, *IAJeT January 2011 29-35.*

Date H., *see* Safeena R., *IAJeT January 2011 56-64.*

David O., Salleh M., and Iahad N., the impact of e-learning in workplace: focus on organizations and healthcare environments, *IAJeT June 2012 203-209.*

Deiri A., *see* Verma S., *IAJeT January 2012 152-160.*

Elazony M., Khalifa A., and Alsaied M., design and implementation of a port simulator using formal graphical approach (FGA), *IAJeT January 2011 36-43.*

Elberrichi Z., Amel B., and Malika T., medical documents classification based on the domain ontology MeSH, *IAJeT June 2012 210-215.*

El-saied M., *see* Al-Kholy M., *IAJeT June 2011 105-111.*

Grissa Touzi A., *see* Sassi Hidri M., *IAJeT June 2012 187-196.*

Hadhoud M., *see* Salama D., *IAJeT June 2011 112-123.*

Hadhoud M., *see* Salama D., *IAJeT January 2011 1-10.*

Hadi S., *see* AL-Mukhtar M., *IAJeT June 2012 175-180.*

Hamad H., and Sahmoud S., adaptive mobility management scheme for mobile IP using ad hoc networks, *IAJeT June 2011 65-71.*

Iahad N., *see* David O., *IAJeT June 2012 203-209.*

Ibrahem Q., and Shuker B., analysis and design of a guaranteed real time performance enhanced industrial ethernet , *IAJeT January 2011 18-28.*

Ibrahim Q., and Lazim S., applying an efficient searching algorithm for intrusion detection on ubicom network processor, *IAJeT June 2011 82-90.*

Ibrahim Q., design & implementation of high speed network devices using SRL16 reconfigurable content addressable memory (RCAM), *IAJeT June 2011 72-81.*

Kaviar H., consumer protection in electronic contracts , *IAJeT June 2011 96-104.*

Khalifa A., *see* Al-Kholy M., *IAJeT June 2011 105-111.*

Khalifa A., *see* Elazony M., *IAJeT January 2011 36-43.*

Krishnan N., *see* Mohideen S., *IAJeT January 2011 49-55.*

Kumar R., *see* Verma S., *IAJeT January 2012 152-160.*

Subject Index

environment, AL-Mukhtar M., +, *IAJeT June 2012 175-180.*

Competition

self organizing maps based life enhancement framework for wireless sensor networks, Mannan A., *IAJeT June 2012 223-228.*

Computer security

studying the effects of most common encryption algorithms , Salama D., +, *IAJeT January 2011 1-10.*

wireless network security still has no clothes, Salama D., +, *IAJeT June 2011 112-123.*

Concept

medical documents classification based on the domain ontology MeSH, Elberrichi Z., +, *IAJeT June 2012 210-215.*

Content based watermarking

a novel DWT based invisible watermarking technique for digital images , Sathik M., +, *IAJeT January 2012 167-173.*

Cross section view

a simple approach for education using virtual human dataset, Chaw Seng W., +, *IAJeT January 2011 29-35.*

Cryptography

data hiding by LBS substitution using genetic optimal key-permutation, Mohamed M., +, *IAJeT January 2011 11-17.*

a novel approach to RGB channel based image steganography technique, Swain G., +, *IAJeT June 2012 181-186.*

Data channel

a novel approach to RGB channel based image steganography technique, Swain G., +, *IAJeT June 2012 181-186.*

Data compression

an effective method for data compression based on adaptive character wordlength, Al Hayek W., *IAJeT June 2012 197-202.*

Data mining

an information retrieval model from world wide web based on formal concept analysis, Sassi Hidri M., +, *IAJeT June 2012 187-196.*

DBMS

developing a three-tier web data management application for higher education admission environment, AL-Mukhtar M., +, *IAJeT June 2012 175-180.*

Diabetes management

a mobile phone SMS-based system for diabetes self management, Salameh O., *IAJeT January 2012 161-166.*

Differential evolution

evaluation of differential evolution and particle swarm optimization algorithms at training of neural network

for stock prediction, Abdul Salam M., +, *IAJeT January 2012 145-151.*

Digital government

digital government adoption in jordan: an environmental model, Abu-Shanab E., *IAJeT Special Issue 2012 -.*

Discrete wavelet transform

a novel DWT based invisible watermarking technique for digital images , Sathik M., +, *IAJeT January 2012 167-173.*

E- Government implementation

challenges in developing citizen-centric e-governance in libya, Verma S., +, *IAJeT January 2012 152-160.*

E-Contractes

consumer protection in electronic contracts , Kaviar H., *IAJeT June 2011 96-104.*

E-Government SWOT analysis

challenges in developing citizen-centric e-governance in libya, Verma S., +, *IAJeT January 2012 152-160.*

E-learning

design and implementation of a port simulator using formal graphical approach (FGA), Elazony M., +, *IAJeT January 2011 36-43.*

the impact of e-learning in workplace: focus on organizations and healthcare environments, David O., +, *IAJeT June 2012 203-209.*

opportunities for utilizing mobile learning services in the palestinian higher education, Alzaza N., *IAJeT June 2012 216-222.*

Emerging economy

internet banking adoption in an emerging economy: indian consumer's perspective, Safeena R., +, *IAJeT January 2011 56-64.*

Empirical study

digital government adoption in jordan: an environmental model, Abu-Shanab E., *IAJeT Special Issue 2012 -.*

Employers

the impact of e-learning in workplace: focus on organizations and healthcare environments, David O., +, *IAJeT June 2012 203-209.*

Enchantment

image denoising and enhancement using multiwavelet with hard threshold in digital mammographic images, Mohideen S., +, *IAJeT January 2011 49-55.*

Encryption techniques

studying the effects of most common encryption algorithms , Salama D., +, *IAJeT January 2011 1-10.*

wireless network security still has no clothes, Salama D., +, *IAJeT June 2011 112-123.*

Environmental factors

digital government adoption in jordan: an environmental model, Abu-Shanab E., *IAJeT Special Issue 2012 -.*

Etherchannel

analysis and design of a guaranteed real time performance enhanced industrial ethernet , Ibrahem Q., +, *IAJeT January 2011 18-28.*

Evolutionary algorithms

evaluation of differential evolution and particle swarm optimization algorithms at training of neural network for stock prediction, Abdul Salam M., +, *IAJeT January 2012 145-151.*

Feed-forward neural network

evaluation of differential evolution and particle swarm optimization algorithms at training of neural network for stock prediction, Abdul Salam M., +, *IAJeT January 2012 145-151.*

Fiber dispersion

simulation and best design of an optical single channel in optical communication network, Alabady S., *IAJeT June 2011 91-95.*

Fiber optical communication

simulation and best design of an optical single channel in optical communication network, Alabady S., *IAJeT June 2011 91-95.*

Fibonacci transform

a novel DWT based invisible watermarking technique for digital images , Sathik M., +, *IAJeT January 2012 167-173.*

Field bus

analysis and design of a guaranteed real time performance enhanced industrial ethernet , Ibrahem Q., +, *IAJeT January 2011 18-28.*

Flash technology

a multimedia offline cell phone system for english language learning, Salameh O., *IAJeT January 2011 44-48.*

Formal concept analysis

an information retrieval model from world wide web based on formal concept analysis, Sassi Hidri M., +, *IAJeT June 2012 187-196.*

FPGA

design & implementation of high speed network devices using SRL16 reconfigurable content addressable memory (RCAM), Ibrahim Q., *IAJeT June 2011 72-81.*

FTP

analysis and design of a guaranteed real time performance enhanced industrial ethernet , Ibrahem Q., +, *IAJeT January 2011 18-28.*

Genetic algorithm.

data hiding by LBS substitution using genetic optimal key-permutation, Mohamed M., +, *IAJeT January 2011 11-17.*

Google suggest

the anatomy of a domain-specific search-phrase suggestion tool for literature digital libraries, Bani-Ahmad S., *IAJeT January 2012 136-144.*

Government

challenges in developing citizen-centric e-governance in libya, Verma S., +, *IAJeT January 2012 152-160.*

Higher education

opportunities for utilizing mobile learning services in the palestinian higher education, Alzaza N., *IAJeT June 2012 216-222.*

Image denoising

image denoising and enhancement using multiwavelet with hard threshold in digital mammographic images, Mohideen S., +, *IAJeT January 2011 49-55.*

India

internet banking adoption in an emerging economy: indian consumer's perspective, Safeena R., +, *IAJeT January 2011 56-64.*

Indicator channel

a novel approach to RGB channel based image steganography technique, Swain G., +, *IAJeT June 2012 181-186.*

Industrial Ethernet

analysis and design of a guaranteed real time performance enhanced industrial ethernet , Ibrahem Q., +, *IAJeT January 2011 18-28.*

Information and communication technologies

the impact of e-learning in workplace: focus on organizations and healthcare environments, David O., +, *IAJeT June 2012 203-209.*

Information retrieval

an information retrieval model from world wide web based on formal concept analysis, Sassi Hidri M., +, *IAJeT June 2012 187-196.*

Integrated platform

developing a three-tier web data management application for higher education admission environment, AL-Mukhtar M., +, *IAJeT June 2012 175-180.*

Internet

the impact of e-learning in workplace: focus on organizations and healthcare environments, David O., +, *IAJeT June 2012 203-209.*

Internet banking

internet banking adoption in an emerging economy: indian consumer's perspective, Safeena R., +, *IAJeT January 2011 56-64.*

Intrusion detection system

applying an efficient searching algorithm for intrusion detection on ubicom network processor, Ibrahim Q., +, *IAJeT June 2011 82-90.*

Keyword-based search interfaces.

the anatomy of a domain-specific search-phrase suggestion tool for literature digital libraries, Bani-Ahmad S., *IAJeT January 2012 136-144.*

Latency

analysis and design of a guaranteed real time performance enhanced industrial ethernet , Ibrahem Q., +, *IAJeT January 2011 18-28.*

LSB substitution

data hiding by LBS substitution using genetic optimal key-permutation, Mohamed M., +, *IAJeT January 2011 11-17.*

Machine learning

medical documents classification based on the domain ontology MeSH, Elberrichi Z., +, *IAJeT June 2012 210-215.*

Mammographic

image denoising and enhancement using multiwavelet with hard threshold in digital mammographic images, Mohideen S., +, *IAJeT January 2011 49-55.*

MeSH

medical documents classification based on the domain ontology MeSH, Elberrichi Z., +, *IAJeT June 2012 210-215.*

M-Learning services

opportunities for utilizing mobile learning services in the palestinian higher education, Alzaza N., *IAJeT June 2012 216-222.*

Mobile

adaptive mobility management scheme for mobile IP using ad hoc networks, Hamad H., +, *IAJeT June 2011 65-71.*

Mobile ad hoc networks

adaptive mobility management scheme for mobile IP using ad hoc networks, Hamad H., +, *IAJeT June 2011 65-71.*

Mobile commerce

opportunities for utilizing mobile learning services in the palestinian higher education, Alzaza N., *IAJeT June 2012 216-222.*

Mobile handover

adaptive mobility management scheme for mobile IP using ad hoc networks, Hamad H., +, *IAJeT June 2011 65-71.*

Mobile IP

adaptive mobility management scheme for mobile IP using ad hoc networks, Hamad H., +, *IAJeT June 2011 65-71.*

Mobile learning

a multimedia offline cell phone system for english language learning, Salameh O., *IAJeT January 2011 44-48.*

Mobile phone

a mobile phone SMS-based system for diabetes self management, Salameh O., *IAJeT January 2012 161-166.*

Mobile technology

opportunities for utilizing mobile learning services in the palestinian higher education, Alzaza N., *IAJeT June 2012 216-222.*

Multicasting

analysis and design of a guaranteed real time performance enhanced industrial ethernet , Ibrahem Q., +, *IAJeT January 2011 18-28.*

Multiwavelet

image denoising and enhancement using multiwavelet with hard threshold in digital mammographic images, Mohideen S., +, *IAJeT January 2011 49-55.*

Naïve bayesian

automated arabic text categorization using SVM and NB, Alsaleem S., *IAJeT June 2011 124-128.*

Network devices

design & implementation of high speed network devices using SRL16 reconfigurable content addressable memory (RCAM), Ibrahim Q., *IAJeT June 2011 72-81.*

Network processor

applying an efficient searching algorithm for intrusion detection on ubicom network processor, Ibrahim Q., +, *IAJeT June 2011 82-90.*

Ohsumed

medical documents classification based on the domain ontology MeSH, Elberrichi Z., +, *IAJeT June 2012 210-215.*

Online learning

the impact of e-learning in workplace: focus on organizations and healthcare environments, David O., +, *IAJeT June 2012 203-209.*

Ontology

medical documents classification based on the domain ontology MeSH, Elberrichi Z., +, *IAJeT June 2012 210-215.*

Optical networks

simulation and best design of an optical single channel in optical communication network, Alabady S., *IAJeT June 2011 91-95.*

Organ view

a simple approach for education using virtual human dataset, Chaw Seng W., +, *IAJeT January 2011 29-35.*

Organizations

the impact of e-learning in workplace: focus on organizations and healthcare environments, David O., +, *IAJeT June 2012 203-209*.

Particle swarm optimization

evaluation of differential evolution and particle swarm optimization algorithms at training of neural network for stock prediction, Abdul Salam M., +, *IAJeT January 2012 145-151*.

Perceived ease of use

internet banking adoption in an emerging economy: indian consumer's perspective, Safeena R., +, *IAJeT January 2011 56-64*.

Perceived usefulness

internet banking adoption in an emerging economy: indian consumer's perspective, Safeena R., +, *IAJeT January 2011 56-64*.

Port container terminal

design and implementation of a port simulator using formal graphical approach (FGA), Elazony M., +, *IAJeT January 2011 36-43*.

Power budget

simulation and best design of an optical single channel in optical communication network, Alabady S., *IAJeT June 2011 91-95*.

Protection of consumer

consumer protection in electronic contracts , Kaviar H., *IAJeT June 2011 96-104*.

PSNR

image denoising and enhancement using multiwavelet with hard threshold in digital mammographic images, Mohideen S., +, *IAJeT January 2011 49-55*.

RGB based

a novel approach to RGB channel based image steganography technique, Swain G., +, *IAJeT June 2012 181-186*.

Rise time budget

simulation and best design of an optical single channel in optical communication network, Alabady S., *IAJeT June 2011 91-95*.

Risk

internet banking adoption in an emerging economy: indian consumer's perspective, Safeena R., +, *IAJeT January 2011 56-64*.

Robust watermarking

a novel DWT based invisible watermarking technique for digital images , Sathik M., +, *IAJeT January 2012 167-173*.

RSA

a novel approach to RGB channel based image steganography technique, Swain G., +, *IAJeT June 2012 181-186*.

Sampling

self organizing maps based life enhancement framework for wireless sensor networks, Mannan A., *IAJeT June 2012 223-228*.

Scheme

an effective method for data compression based on adaptive character wordlength, Al Hayek W., *IAJeT June 2012 197-202*.

Searching algorithm

applying an efficient searching algorithm for intrusion detection on ubicom network processor, Ibrahim Q., +, *IAJeT June 2011 82-90*.

Self organizing maps

self organizing maps based life enhancement framework for wireless sensor networks, Mannan A., *IAJeT June 2012 223-228*.

Signaling cost

adaptive mobility management scheme for mobile IP using ad hoc networks, Hamad H., +, *IAJeT June 2011 65-71*.

Simulation

design and implementation of a port simulator using formal graphical approach (FGA), Elazony M., +, *IAJeT January 2011 36-43*.

SMS based system

a mobile phone SMS-based system for diabetes self management, Salameh O., *IAJeT January 2012 161-166*.

SRL16 content addressable memory

design & implementation of high speed network devices using SRL16 reconfigurable content addressable memory (RCAM), Ibrahim Q., *IAJeT June 2011 72-81*.

Search-keyword suggester

the anatomy of a domain-specific search-phrase suggestion tool for literature digital libraries, Bani-Ahmad S., *IAJeT January 2012 136-144*.

Steganography

data hiding by LBS substitution using genetic optimal key-permutation, Mohamed M., +, *IAJeT January 2011 11-17*.

a novel approach to RGB channel based image steganography technique, Swain G., +, *IAJeT June 2012 181-186*.

Stem

medical documents classification based on the domain ontology MeSH, Elberrichi Z., +, *IAJeT June 2012 210-215*.

Stock prediction.

evaluation of differential evolution and particle swarm optimization algorithms at training of neural network for stock prediction, Abdul Salam M., +, *IAJeT January 2012 145-151*.

Study aid

a simple approach for education using virtual human dataset, Chaw Seng W., +, *IAJeT January 2011 29-35.*

Support vector machine

automated arabic text categorization using SVM and NB, Alsaleem S., *IAJeT June 2011 124-128.*

Surface rendering

a simple approach for education using virtual human dataset, Chaw Seng W., +, *IAJeT January 2011 29-35.*

Systematic approach

a systematic approach for agent design based on UML, Al-Kholy M., +, *IAJeT June 2011 105-111.*

Technical indicators

evaluation of differential evolution and particle swarm optimization algorithms at training of neural network for stock prediction, Abdul Salam M., +, *IAJeT January 2012 145-151.*

Text categorization

automated arabic text categorization using SVM and NB, Alsaleem S., *IAJeT June 2011 124-128.*

The CompleteSearch engine

the anatomy of a domain-specific search-phrase suggestion tool for literature digital libraries, Bani-Ahmad S., *IAJeT January 2012 136-144.*

Three-tier Architecture

developing a three-tier web data management application for higher education admission environment, AL-Mukhtar M., +, *IAJeT June 2012 175-180.*

Throughput

design & implementation of high speed network devices using SRL16 reconfigurable content addressable memory (RCAM), Ibrahim Q., *IAJeT June 2011 72-81.*

UML

a systematic approach for agent design based on UML, Al-Kholy M., +, *IAJeT June 2011 105-111.*

VLAN

analysis and design of a guaranteed real time performance enhanced industrial ethernet , Ibrahem Q., +, *IAJeT January 2011 18-28.*

Volume rendering

a simple approach for education using virtual human dataset, Chaw Seng W., +, *IAJeT January 2011 29-35.*

Wavelet

image denoising and enhancement using multiwavelet with hard threshold in digital mammographic images, Mohideen S., +, *IAJeT January 2011 49-55.*

Web content management

developing a three-tier web data management application for higher education admission environment, AL-Mukhtar M., +, *IAJeT June 2012 175-180.*

Web mining

an information retrieval model from world wide web based on formal concept analysis, Sassi Hidri M., +, *IAJeT June 2012 187-196.*

Web-based simulation

design and implementation of a port simulator using formal graphical approach (FGA), Elazony M., +, *IAJeT January 2011 36-43.*

Wireless network

studying the effects of most common encryption algorithms , Salama D., +, *IAJeT January 2011 1-10.*

Wireless sensor networks

self organizing maps based life enhancement framework for wireless sensor networks, Mannan A., *IAJeT June 2012 223-228.*

Workplace

the impact of e-learning in workplace: focus on organizations and healthcare environments, David O., +, *IAJeT June 2012 203-209.*

World wide web

an information retrieval model from world wide web based on formal concept analysis, Sassi Hidri M., +, *IAJeT June 2012 187-196.*

Wreless network

wireless network security still has no clothes, Salama D., +, *IAJeT June 2011 112-123.*