



COMPAGNIE ALGERIENNE
DE DOCUMENTATION
ET DE CONSEIL

Bases de données.Livres.Revues.Traités.Normes

partenaire du



Guide d'utilisation de la base de données : ACMDL



Adresse: Rue la flanelle, cité Ain ullah Dely brahim
Tél: (021) 91 03 52, Mob: (0770) 87 66 38, Fax: (021) 91 03 51
E-mail: cadoc@cadoc.dz site: www.cadoc.dz

ACM Digital Library?

ACM est une société savante fondée en 1947 pour répondre à l'intérêt croissant présenté par des technologies alors en émergence : l'informatique et les ordinateurs. Aujourd'hui ACM compte 95 000 membres et supervise 34 groupes de travail (SIG, Special Interest Groups) dans tous les domaines liés à l'informatique.

L'ACM Digital Library (DL) est la collection la plus complète d'articles en texte intégral et de citations bibliographiques couvrant les domaines de l'informatique et les technologies de l'information.

Le contenu en texte intégral comprend la collection complète des publications d'ACM, y compris les revues, les actes de colloques, les magazines, les bulletins, et les titres multimédia et se compose actuellement de:

- 300 957 articles en texte intégral
- + de 2 millions de pages de texte intégral d'articles
- + 20 000 Nouveaux articles, en texte intégral, sont ajoutés chaque année
- 42 Revues à haut facteur d'impact ; 2-3 nouvelles revues lancées chaque année
- + de 270 titres d'Actes de conférence
- + de 2000 de volumes d'Actes
- 9 magazines (y compris « Communications of the ACM » le titre phare de l'ACM, la publication la plus largement citée dans le domaine de l'informatique)
- Les contributions des 43 Special Interest Groups
- + de 3000 fichiers vidéo
- 342 fichiers audio

Liste des revues

1. ACM Computing Surveys
2. ACM Journal of Computer Documentation
3. ACM Journal on Emerging Technologies in Computing Systems
4. Journal of Data and Information Quality
5. Journal of Experimental Algorithmics
6. Journal of the ACM
7. Journal on Computing and Cultural Heritage
8. Journal on Educational Resources in Computing
9. ACM Letters on Programming Languages and Systems
10. ACM Transactions on Accessible Computing
11. ACM Transactions on Algorithms
12. ACM Transactions on Applied Perception
13. ACM Transactions on Architecture and Code Optimization
14. ACM Transactions on Asian Language Information Processing
15. ACM Transactions on Autonomous and Adaptive Systems
16. ACM Transactions on Computation Theory
17. ACM Transactions on Computational Logic
18. ACM Transactions on Computer Systems
19. ACM Transactions on Computer-Human Interaction
20. ACM Transactions on Computing Education
21. ACM Transactions on Database Systems
22. ACM Transactions on Design Automation of Electronic Systems
23. ACM Transactions on Embedded Computing Systems
24. ACM Transactions on Graphics
25. ACM Transactions on Information Systems
26. ACM Transactions on Information and System Security
27. ACM Transactions on Internet Technology
28. ACM Transactions on Knowledge Discovery from Data
29. ACM Transactions on Mathematical Software
30. ACM Transactions on Modeling and Computer Simulation
31. ACM Transactions on Multimedia Computing, Communications, and Applications
32. ACM Transactions on Programming Languages and Systems
33. ACM Transactions on Reconfigurable Technology and Systems
34. ACM Transactions on Sensor Networks
35. ACM Transactions on Software Engineering and Methodology
36. ACM Transactions on Speech and Language Processing
37. ACM Transactions on Storage
38. ACM Transactions on the Web
39. IEEE/ACM Transactions on Computational Biology and Bioinformatics
40. IEEE/ACM Transactions on Networking

Liste des Magazines

1. ACM Inroads
2. Communications of the ACM
3. Computers in Entertainment
4. Queue
5. StandardView
6. Ubiquity
7. eLearn
8. intelligence
9. interactions
10. netWorker

Liste des publications des organisations affiliées à ACM

1. ALGOL Bulletin
2. Computational Linguistics
3. Evolutionary Computation
4. International Journal of Network Management
5. Journal of Computing Sciences in Colleges
6. Linux Journal
7. Mobile Networks and Applications
8. Personal and Ubiquitous Computing
9. Proceedings of the VLDB Endowment
10. The Journal of Machine Learning Research
11. The VLDB Journal — The International Journal on Very Large Data Bases
12. Wireless Networks

Liste des bulletins des groupes de travail

- 3C ON-LINE
- ACM Communications in Computer Algebra
- ACM Lisp Bulletin
- ACM SIGACCESS Accessibility and Computing
- ACM SIGACT News
- ACM SIGAPL APL Quote Quad
- ACM SIGAPP Applied Computing Review
- ACM SIGARCH Computer Architecture News
- ACM SIGART Bulletin
- ACM SIGAda Ada Letters
- ACM SIGBED Review
- ACM SIGBIO Newsletter
- ACM SIGCAPH Computers and the Physically Handicapped
- ACM SIGCAS Computers and Society
- ACM SIGCHI Bulletin
- ACM SIGCHI Bulletin - a supplement to *interactions*
- ACM SIGCOMM Computer Communication Review
- ACM SIGCPR Computer Personnel
- ACM SIGCSE Bulletin
- ACM SIGCSIM Installation Management Review
- ACM SIGCUE Outlook
- ACM SIGDA Newsletter
- ACM SIGDOC Asterisk Journal of Computer Documentation
- ACM SIGEVolution
- ACM SIGFORTH Newsletter
- ACM SIGGRAPH Computer Graphics
- ACM SIGGROUP Bulletin
- ACM SIGICE Bulletin
- ACM SIGIR Forum
- ACM SIGITE Newsletter
- ACM SIGKDD Explorations Newsletter
- ACM SIGLASH Newsletter
- ACM SIGMAP Bulletin
- ACM SIGMETRICS Performance Evaluation Review
- ACM SIGMICRO Newsletter
- ACM SIGMINI Newsletter
- ACM SIGMIS Database
- ACM SIGMOBILE Mobile Computing and Communications Review
- ACM SIGMOD Record
- ACM SIGMultimedia Records
- ACM SIGNUM Newsletter
- ACM SIGOA Newsletter
- ACM SIGOIS Bulletin
- ACM SIGOPS Operating Systems Review
- ACM SIGPC Notes
- ACM SIGPLAN Fortran Forum
- ACM SIGPLAN Lisp Pointers
- ACM SIGPLAN Notices
- ACM SIGPLAN OOPS Messenger
- ACM SIGSAC Review
- ACM SIGSAM Bulletin
- ACM SIGSIM Simulation Digest
- ACM SIGSMALL Newsletter
- ACM SIGSMALL/PC Notes
- ACM SIGSOC Bulletin
- ACM SIGSOFT Software Engineering Notes
- ACM SIGUCCS Newsletter
- ACM SIGWEB Newsletter
- ACM SIGecom Exchanges
- SIGSPATIAL Special

Accéder à ACM

A- Accès via le portail SNDL : <https://www.sndl.cerist.dz>

1

Cliquer sur connexion



2

Entrez vos identifiants SNDL

Votre compte

Identifiant
cadoc

Mot de passe
.....

Connexion



3

Cliquer sur sciences et techniques

Fennour Amine bienvenue dans votre espace

A PROPOS ACTUALITES RESSOURCES PORTAILS BD EN ESSAI GRATUIT FORMA

SCIENCES & TECHNIQUES Plus

SCIENCES DE LA VIE & DE LA TERRE Plus

SCIENCES HUMAINES & SOCIALES Plus

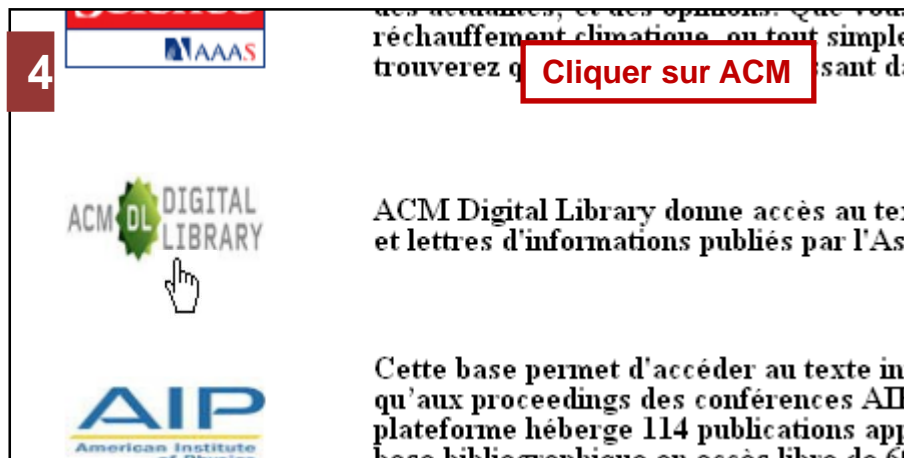


4

Cliquer sur ACM

ACM Digital Library donne accès au texte et lettres d'informations publiés par l'As

Cette base permet d'accéder au texte in qu'aux proceedings des conférences AIP plateforme héberge 114 publications app base bibliographique en accès libre de 6



Vous serez reconnu par l'adresse IP du SNDL

ACM Digital Library

Full text of every article ever published by ACM and

Advanced Search

SIGN IN SIGN UP

SEARCH



S'identifier ou créer un compte



Recherche Simple

SIGN IN SIGN UP

Full text of every article ever published by ACM and bibliographic citations from major publishers in computing.

- [Using the ACM Digital Library](#)
- [For Consortia Administrators](#)

Annonces

Announcements

- Software Category Editor Needed for *Computing Reviews*
Computing Reviews, the post-publication review and comment journal of ACM, is seeking a volunteer interested in serving as a category editor for a segment of the software area. Please see the [Software Category Editor search page](#) for more information.
- New Journal: *ACM Transactions on Interactive Intelligent Systems*
ACM Transactions on Interactive Intelligent Systems (TiiS) publishes research on the design, realization, or evaluation of interactive systems that incorporate some form of machine intelligence. Applications include user interface technologies; recommender systems and information retrieval; automated usability testing; human-robot interaction; semantic technologies; gaming; and mobile and ubiquitous computing. [See the first issue's table of contents in the Digital Library.](#)

Recently loaded issues and proceedings: *(available in the DL within the past 2 weeks)*

- ACM Transactions on Computer Systems (TOCS)
[Volume 29 Issue 4](#)
- ACM Transactions on Computer-Human Interaction (TOCHI)
[Volume 18 Issue 4](#)
- ACM Transactions on Management Information Systems (TMIS)

Numeros récemment ajouté

Advanced Search

Recherche Avancée

Browse the ACM Publications:

- [Journals/Transactions](#)
- [Magazines](#)
- [Proceedings](#)

Browse the Special Interest Groups:

- [Special Interest Groups \(SIGs\)](#)

Browse the Conferences:

- [Recent and Upcoming Conferences](#)
- [Conference Listing](#)

Browse the Special Collections:

- [ACM International Conference Proceeding Series \(ICPS\)](#)
- [Classic Book Series](#)
- [ACM Oral History interviews](#)

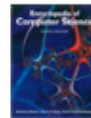
Browse the Publications by Affiliated Organizations

Browse all literature by type

Browse all literature by [Publisher](#)

Browse by the [ACM Computing Classification System](#)

Naviguer par Type de produit



[The Encyclopedia of Computer Science](#)
"...is the definitive reference in computer science and technology..."

ACM Digital Library – Créer un compte

ACM DL DIGITAL LIBRARY DGRS-DT

SIGN IN SIGN UP

SEARCH

Sign In

Sign in with your Web Account

Web account

1

2

3

4

Create a Web account

Email Address ACM Membership is not required to create a free web account.

cadoc@cadoc.dz

If you are an ACM or SIG Member or subscriber, the email address you provide must match the one we have on file for you; this will enable you to take full advantage of member benefits.

continue

Sign in via your Institution

- Show the list of Institutions

The ACM Digital Library is published by the Assoc

[Terms of Usage](#) [Privacy](#)

1 Entrer votre adresse email pour créer un nouveau compte et cliquer sur Continue

2 Cliquer sur Continue

ACM DL DIGITAL LIBRARY DGRS-DT

SIGN IN SIGN UP

SEARCH

Sign In

Sign in with your Web Account

Web account

4

3

Create a Web account

cadoc@cadoc.dz is not in our records. Create a new ACM Web account now.

Name

First Name

Last Name

All fields are required to create your ACM Web Account.

Account Information

ACM Web Account Username

Automatically Generated

Password

Confirm Password

Your username is automatically generated. You will receive an email confirmation with your account details. You may change your username later by visiting myacm.org.

A password must be between 6 and 26 characters in length and cannot contain spaces.

Security Question and Answer

Question

Answer

Create a question that you can answer later exactly as you enter it now. The question and answer combination is kept confidential and is solely for your use in the event that you forget your password.

Case matters: you must type the answer precisely as you enter it now.

Continue

3 Remplissez le formulaire

4 Accéder à votre compte après la création

ACM Digital Library – Parcourir les journaux

published by ACM and major publishers in computing.

Advanced Search

Browse the ACM Publications:

- [Journals/Transactions](#) 1

ACM DL DIGITAL LIBRARY

DGRS-DT

My Binders SIGN OUT: cadoc cadoc

ACM Journals/Transactions 2

Search within the ACM Journals: SEARCH

CSUR [ACM Computing Surveys \(CSUR\)](#)

These comprehensive, readable tutorials and survey papers give guided tours through the literature and explain topics to those who seek to learn the basics of areas outside their specialties. The carefully planned and presented introductions in *Computing Surveys (CSUR)* are also an excellent way for professionals to develop perspectives on, and identify trends in complex technologies. Recent issues have covered image understanding, software reusability, and object and relational database topics.

JACM [Journal of the ACM \(JACM\)](#) 3

The *Journal of the ACM (JACM)* aims to provide coverage of the most significant work going on in computer science, broadly construed. We publish original research papers of lasting value in computer science. To be accepted, a paper must be judged to be truly outstanding in its field and to be of interest to a wide audience. We are particularly interested in work at the boundaries, both the boundaries of sub disciplines of computer science and the boundaries between computer science and other fields.

JDIQ [Journal of Data and Information Quality \(JDIQ\)](#)

JDIQ's mission is to publish high quality articles that make a significant and novel contribution to the field of Data and Information Quality. JDIQ welcomes research contributions on the following areas, but not limited to: Context; Database related technical solutions for Information Quality; Information Quality; Information Quality in the context of Computer Science and Information Technology; Information Quality; Information Quality.

Cliquer sur le produit voulu 1

Recherche dans les journaux 2

La liste des journaux disponible dans ACM 3

ACM Digital Library – Parcourir les journaux

1

Le titre et la couverture du journal sélectionné

2

Description du journal sélectionné

3

Rechercher dans le journal sélectionné

4

Informations sur le journal sélectionné

Les dix (10) articles les plus téléchargés

ACM Journals/Transactions

CSUR [ACM Computing Surveys \(CSUR\)](#)

These comprehensive, readable tutorials and survey papers give guided tours through the literature and explain topics to those who seek to learn the basics of areas outside their specialties. The carefully planned and presented introductions in *Computing Surveys (CSUR)* are also an excellent way for professionals to develop perspectives on, and identify trends in complex technologies. Recent issues have covered image understanding, software reusability, and object and relational database topics.

Search within CSUR:

About | **Award Winner** | **Author:** | **Affiliation** | **Publication Archi**

CSUR subject areas

- [Access methods](#) [Compilers](#) [Design Tools and Techniques](#) [Distributed applications](#) [Distributed databases](#) [Frameworks](#) [Hypertext/Hypermedia](#) **INTRODUCTORY AND SURVEY** [Object-oriented Programming](#) [Organizations](#) [Partial evaluation](#) [Sorting and searching](#)

[Bibliometrics: publication history](#)

Publication years	1969-2011
Publication count	1,231
Citation Count	29,508
Available for download	1,231
Downloads (6 Weeks)	20,796
Downloads (12 Months)	171,321
Downloads (cumulative)	2,113,732
Average downloads per article	1,717.09
Average citations per article	23.97

[Top 10 Downloaded Articles \(past 6 weeks\)](#) / [Top 10 Most Cited Articles](#)

1. [Factors that affect software systems development project outcomes: A survey of research](#) - 2011
Laurie McLeod, Stephen G. MacDonell
Downloaded 498 times

1

2

1

3

4

Les dix (10) articles les plus cités

ACM Digital Library – Parcourir les journaux

Résultats de recherche dans la revue sélectionnée

ACM DL DIGITAL LIBRARY DGRS-DT

server

Searching within CSUR for: server (start a new search)

Found 645 within Publications from ACM and Affiliated Organizations (Full-Text collection)

Expand your search to The ACM Guide to Computing Literature (Bibliographic citations from major publishers in computing)

REFINE YOUR SEARCH

- Refine by Keywords: server
- Refine by People: Names, Institutions, Authors, Reviewers
- Refine by Publications: Publication Year, ACM Publications, All Publications, Content Formats

ADVANCED SEARCH

Advanced Search

FEEDBACK

Please provide us with feedback

Found 645 of 1,410

Search Results

Results 1 - 20 of 645

Sort Result page

1 Client-server computing in mobile environments
Jin Jing, Abdelsalam Sumi Helal, Ahmed Elmagarmid
June 1999 Computing Surveys (CSUR) , Volume 31 Issue 2
Publisher: ACM Request Permissions
Full text available: Pdf (233.31 KB)
Bibliometrics: Downloads (6 Weeks): 26, Downloads (12 Months): 362, Downloads (Overall): 7296, Citations: 10

Recent advances in wireless data networking and portable information appliances have engendered a new computing, called mobile computing, in which users carrying portable devices have access to data and information services ...

Keywords: application adaptation, cache invalidation, caching, client/server, data dissemination, distributed mobile applications, mobile client/server, mobile computing, mobile data, mobility awareness, survey, system architecture

2 The state of the art in locally distributed Web-server systems
Valeria Cardellini, Emiliano Casalicchio, Michele Colajanni, Philip S. Yu
June 2002 Computing Surveys (CSUR) , Volume 34 Issue 2
Publisher: ACM Request Permissions
Full text available: Pdf (1.41 MB)
Bibliometrics: Downloads (6 Weeks): 19, Downloads (12 Months): 308, Downloads (Overall): 8437, Citations: 10

ACM Journals/Transactions



CSUR ACM Computing Surveys (CSUR)

These comprehensive, readable tutorials and survey papers give guided tours through the literature and explain topics those who seek to learn the basics of areas outside their specialties. The carefully planned and presented introductions to *Computing Surveys (CSUR)* are also an excellent way for professionals to develop perspectives on, and identify trends in, complex technologies. Recent issues have covered image understanding, software reusability, and object and relational database topics.

Search within CSUR: server

SEARCH

Ab... Award... Auth... Affiliat... Publication Arc...

CSUR subject areas

[Access methods](#) [Compilers](#) [Design Tools and Techniques](#)
[Distributed applications](#) [Distributed databases](#) [Distributed systems](#)

Frameworks

Hypertext/Hypermedia

INTRODUCTORY AND SURVEY

[Object-oriented Programming](#) [Optimization](#)

Organizations

[Parallelism and concurrency](#) [Partial](#)

[evaluation](#) [Sorting and searching](#)

Bibliometrics: publication history

Publication years	1969-2011
Publication count	1,231
Citation Count	29,508
Available for download	1,231
Downloads (6 Weeks)	20,796
Downloads (12 Months)	171,321
Downloads (cumulative)	2,113,732
Average downloads per article	1,717.09
Average citations per article	23.97

Top 10 Downloaded Articles (past 6 weeks) / Top 10 Most Cited Articles

1. Factors that affect software systems development project outcomes: A survey of research - 2011

Laurie McLeod, Stephen G. MacDonell

Downloaded 498 times

ACM DL DIGITAL LIBRARY DGRS-DT

Factors that affect software systems development project outcomes: A survey of research

Full Text: Pdf

see [source materials](#) below for [more options](#)

Authors: Laurie McLeod Auckland University of Technology, Auckland, New Zealand
Stephen G. MacDonell Auckland University of Technology, Auckland, New Zealand

Published in:

- Journal ACM Computing Surveys (CSUR) [Surveys Homepage](#) [archive](#)
Volume 43 Issue 4, October 2011
ACM New York, NY, USA
[table of contents](#) [doi>10.1145/1978802.1978803](#)

2011 Article

- Research
- Refereed

Bibliometrics

- Downloads (6 Weeks): 498
- Downloads (12 Months): 883
- Citation Count: 0

Tools and Resources

- Buy this Article
- Request Permissions
- TOC Service
- Email RSS
- Save to Binder
- Export Formats: BibTeX EndNote ACM
- Share: Facebook Twitter LinkedIn

Tags: design development processes institutional management management management and action project content outcomes software mar

back | Switch to single page view (no tabs)

Abstract Source Materials Authors References Cited By Index Terms Publication Reviews Comments Table of Contents

Determining the factors that have an influence on software systems development and deployment project outcomes has been the focus of extensive and ongoing research for more than 30 years. We provide here a survey of the research literature that has addressed this topic in the period 1996-2006, with a particular focus on empirical analyses. On the basis of this survey we present a new classification

Consultation d'un article de la revue sélectionnée

ACM Digital Library – Recherche simple

La recherche simple se fait dans les revues de ACM et les revues des organisations affiliées à ACM

My Binders SIGN OUT: cadoc cadoc

computer

SEARCH

Entrer vos mots clefs et cliquer sur search

Liste des résultats

Outils pour affiner votre recherche

ACM LIBRARY

computer SEARCH

Searching for: computer ([start a new search](#))
Found **275,396** within *Publications from ACM and Affiliated Organizations* (Full-Text collection)
Expand your search to [The ACM Guide to Computing Literature](#) (Bibliographic citations from major publishers in computing: 1,763,872 records)

REFINE YOUR SEARCH

- Refine by Keywords
 - computer
- Refine by People
 - [Names](#)
 - [Institutions](#)
 - [Authors](#)
 - [Editors](#)
 - [Reviewers](#)
- Refine by Publications
 - [Publication Year](#)
 - [Publication Names](#)
 - [ACM Publications](#)
 - [All Publications](#)
 - [Content Formats](#)
 - [Publishers](#)
- Refine by Conferences
 - [Sponsors](#)
 - [Events](#)
 - [Proceeding Series](#)

ADVANCED SEARCH

Search Results [Related Journals](#) [Related Magazines](#) [Related SIGs](#) [Related Conferences](#)

Results 1 - 20 of 275,396 Sort by [relevance](#) in [expanded form](#)
Result page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [next](#)

1 [A model for high school computer science education: the four key elements that make it!](#)
[Orit Hazzan](#), [Judith Gal-Ezer](#), [Lenore Blum](#)
February 2008 **SIGCSE '08**: Proceedings of the 39th SIGCSE technical symposium on Computer science education
Publisher: ACM [Request Permissions](#)
Full text available: [Pdf](#) (228.21 KB)
Bibliometrics: Downloads (6 Weeks): 125, Downloads (12 Months): 646, Downloads (Overall): 1201, Citation Count

This paper presents a model program for high school computer science education. It is based on an analysis of the structure of the Israeli high school computer science curriculum considered to be one of the leading curricula worldwide. The model consists ...

Keywords: computer science education, computer science education research, curriculum, teacher preparation program teaching certificate

Also published in:
February 2008 SIGCSE Bulletin Volume 40 Issue 1

2 [Enthusing and informing potential computer science students and their teachers](#)
[Quintin I. Cutts](#), [Margaret I. Brown](#), [Lynsey Kemp](#), [Calum Matheson](#)
June 2007 **SIGCSE '07**: Proceedings of the 38th annual SIGCSE conference on Innovation and technology in computer science education

ACM Digital Library – Recherche avancée

cliquer sur Advanced search

Advanced Search

Outils de recherche par mots clefs

Outils de recherche par Auteurs

Outils de recherche par ou dans les publications

Outils de recherche par Conference

Outils de recherche par Code « ISSN, ISBN »

Outils de recherche par Code de classification

The screenshot displays the ACM Digital Library's advanced search interface. At the top, there is a search bar with the text "cadoc cadoc" and a "SEARCH" button. Below this, the interface is divided into several sections, each with a dropdown menu for selecting the search field (currently set to "[any field]").

- Words or Phrases:** Includes a search field and options for "all of this text (and)", "any of this text (or)", and "none of this text (not)".
- Keywords:** Includes a search field and options for "all", "any", and "none of the keywords".
- Publication:** Includes search fields for "publication" and "publisher", and "Published since" and "Published before" date pickers.
- Conference:** Includes search fields for "sponsor names" and "location", and a "Find year (yyyy)" field.
- Identification codes:** Includes search fields for "ISBN/ISSN" and "DOI".
- Computing Classification System (CCS):** Includes search fields for "node" and "subject/noun", and a checkbox for "Look at primary category only".
- Names:** Includes a search field and options for "all", "any", and "none of the names".
- Affiliations:** Includes a search field and options for "all", "any", and "none of the affiliations".
- Required components:** Includes checkboxes for "Full Text", "Abstract", and "Review".

A "SEARCH" button is located at the bottom right of the interface.

ACM Digital Library – Exploitation des résultats

The image shows a screenshot of the ACM Digital Library search results page. The page is annotated with several red boxes containing French text, with arrows pointing to specific features on the website. The annotations are:

- Outils pour affiner votre recherche**: Points to the 'REFINE YOUR SEARCH' sidebar on the left.
- Liste des résultats**: Points to the main search results area.
- Les journaux reliées avec votre recherche**: Points to the 'Related Journals' tab.
- Les Magazines reliées avec votre recherche**: Points to the 'Related Magazines' tab.
- Les journaux reliées avec votre recherche**: Points to the 'Related SIGs' tab.
- Les journaux reliées avec votre recherche**: Points to the 'Related Conferences' tab.
- Les titres des articles**: Points to the title of the first search result.
- Informations sur l'article**: Points to the detailed information block for the first result.
- Triez et naviguez dans les résultats**: Points to the sorting and pagination options.

The search results page displays the following information:

Searching for: (computer) ([start a new search](#))
Found **1,290,939** within *Publications from ACM and Affiliated Organizations* (Full-Text collection)
Expand your search to [The ACM Guide to Computing Literature](#) (Bibliographic citations from major publishers in computing: 1,763,872 records)

REFINE YOUR SEARCH

- Refine by Keywords
- Refine by People
 - [Names](#)
 - [Institutions](#)
 - [Authors](#)
 - [Editors](#)
 - [Advisors](#)
 - [Reviewers](#)
- Refine by Publications
 - [Publication Year](#)
 - [Publication Names](#)
 - [ACM Publications](#)
 - [All Publications](#)
 - [Content Formats](#)
 - [Publishers](#)
- Refine by Conferences
 - [Sponsors](#)
 - [Events](#)
 - [Proceeding Series](#)

Search Results | **Related Journals** | Related Magazines | Related SIGs | Related Conferences

Results 1 - 20 of 1,290,939

Sort by in
Result page: [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [next](#)

- Stochastic Wind-Thermal Generation Scheduling Considering Emission Reduction: A Multi-Objective Mathematical Programming Approach**
M. A. Khorsand, A. Zakariazadeh, S. Jadid
March 2011 **APPEEC '11: Proceedings of the 2011 Asia-Pacific Power and Energy Engineering Conference**
Publisher: IEEE Computer Society
Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: NA
- A GIS Based Service-Oriented Power Grid Intelligent Planning System**
Jiong Yan, Kun-Peng Zhou, Chang-Hong Deng, Jun-Chang Huang
March 2011 **APPEEC '11: Proceedings of the 2011 Asia-Pacific Power and Energy Engineering Conference**
Publisher: IEEE Computer Society
Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: NA
- Inside risks: the clock grows at midnight**
Peter G. Neumann

ACM Digital Library – Recherche Avancée

Recherche par mot
clef dans les résultats
trouvés

Filtrer par type de
population « Noms,
Institutions, Auteurs,
Editeurs..... »

Filtrer par publication «
Année, Noms..... »

Outils de recherche par
Code de classification

REFINE YOUR SEARCH

Search Results

Results 1

1 Stock
Progr
M. A.
March
Publi
Biblio
NA

Refine by Keywords

SEARCH

Refine by People

[Names](#)
[Institutions](#)
[Authors](#)
[Editors](#)
[Advisors](#)
[Reviewers](#)

Refine by Publications

[Publication Year](#)
[Publication Names](#)
ACM Publications
[All Publications](#)
[Content Formats](#)
[Publishers](#)

Refine by Conferences

[Sponsors](#)
[Events](#)
[Proceeding Series](#)

REFINE YOUR SEARCH

Refine by Keywords

Refine by People

Refine by Publications

[Publication Year](#)
[Publication Names](#)
ACM Publications
[Proceeding \(70,792\)](#)
[Newsletter \(4,147\)](#)
[Magazine \(3,972\)](#)
[Transaction \(3,788\)](#)
Journal (646)
[Book \(27\)](#)
[Affil \(9\)](#)
[More ...](#)

[All Publications](#)
[Content Formats](#)
[Publishers](#)

Refine by Conferences

Filtrage des résultats par
« Journals »

ACM Digital Library – Recherche Avancée

REFINE YOUR SEARCH

Search Results | Related Journals | Related Magazines

Results 1 - 20 of 646 | Sort by relevance | expand | Result page: 1 2 3 4 5 6 7 8 9 10

1 Modeling light scattering for virtual heritage
Diego Gutierrez, Veronica Sundstedt, Fermin Gomez, Alan Chalmers
October 2008 Journal on Computing and Cultural Heritage (JOCCH), Volume 1 Issue 2

Titre de l'article

Full text en PDF

Liste des auteurs avec leurs affiliations

Données sur l'article

Modelling light scattering for virtual heritage

Full Text: Pdf

Authors: Diego Gutierrez Universidad de Zaragoza, Zaragoza, Spain
Veronica Sundstedt University of Bristol, UK
Fermin Gomez Universidad de Zaragoza, Zaragoza, Spain
Alan Chalmers University of Warwick, UK

2008 Article

- Research
- Refereed

Bibliometrics

- Downloads (6 Weeks): 12
- Downloads (12 Months): 69
- Citation Count: 1

Tools and Resources

- Request Permissions
- TOC Service:
- Email RSS
- Save to Binder
- Export Formats: BibTeX EndNote ACM Ref
- Share:

Tags: algorithms ancient egypt animation color, shading, shadowing, and texture experimentation high-fidelity graphics human factors participating media virtual archeology virtual reality

Références de l'article

Auteurs de l'article

Résumé

Citations reçues

Mots Clefs en relation avec l'articles

Commentaires de cet article

Informations sur la revues

Table des matieres

Published in:
Journal
Journal on Computing and Cultural Heritage (JOCCH) JOCCH Homepage archive
Volume 1 Issue 2, October 2008
ACM New York, NY, USA
table of contents doi>10.1145/1434763.1434765

Feedback | Switch to single page view (no tabs)

Abstract | Authors | References | Cited By | Index Terms | Publication | Reviews | Comments | Table of Contents

Computer graphics, in particular high-fidelity rendering, make it possible to recreate cultural heritage on a computer, including a precise lighting simulation. Achieving maximum accuracy is of the highest importance when investigating how a site might have appeared in the past. Failure to use such high fidelity means there is a very real danger of misrepresenting the past. Although we

ACM Digital Library – Profil d'auteur

Modeling light scattering for virtual heritage

Full Text:  [PDF](#)

Authors: [Diego Gutierrez](#) [Universidad de Zaragoza, Zaragoza, Spain](#)
[Veronica Sundstedt](#) [University of Bristol, UK](#)
[Felipe Gomez](#) [Universidad de Zaragoza, Zaragoza, Spain](#)
[Alan Chalmers](#) [University of Warwick, UK](#)

Published in:  **2008 Article**

- Research
- Refereed

Bibliometrics

- Downloads (6 Weeks): 12
- Downloads (12 Months): 69
- Citation Count: 1

Tools and Resources

- [Request Permissions](#)
- [TOC Service:](#)
[Email](#) [RSS](#)
- [Save to Binder](#)
- Export Formats:**
[BibTeX](#) [EndNote](#) [ACM Ref](#)

Share: 

Cliquer sur le nom de l'auteur pour consulter son profil

Détails de l'auteur

Diego Gutierrez

No contact information provided yet.

Authors:
[Add personal information](#)

Affiliation history
· [University of Zaragoza](#)

Bibliometrics: publication history

Publication years	2002-2011
Publication count	40
Citation Count	69
Available for download	26
Downloads (6 Weeks)	396
Downloads (12 Months)	2,961

Articles de l'auteur

SEARCH

[Search Author's Publications](#)

40 search results

10 per page Sort by: year

Page: 1 2 3 4 5 next >>

ROLE

- **Author only**
- Other only
- All roles

2011

1 [Using eye-tracking to assess different image retargeting methods](#)
[Susana Castillo](#), [Tilke Judd](#), [Diego Gutierrez](#)
August 2011 **APGV '11: Proceedings of the ACM SIGGRAPH Symposium on Applied Perception in Graphics and Visualization**

Publisher: ACM

Full text available:  [PDF \(6.69 MB\)](#)


Bibliometrics: Downloads (6 Weeks): 5 Downloads (12 Months): 5 Citation Count: 0

AUTHOR'S COLLEAGUES
[See all colleagues of this author](#)

Export as: [BibTeX](#) [EndNotes](#) [ACM Ref](#)

ACM Digital Library – Afficher l'article en PDF

Modeling light scattering for virtual heritage

Full Text: 

Authors: [Diego Gutierrez](#) *Universidad de Zaragoza, Zaragoza, Spain*
[Veronica Sundstedt](#) *University of Bristol, UK*
[Fermin Gomez](#) *Universidad de Zaragoza, Zaragoza, Spain*
[Alan Chalmers](#) *University of Warwick, UK*

2008 Article
• Research
• Refereed


[Bibliometrics](#)
• Downloads (6 Weeks): 12
• Downloads (12 Months): 89

Tools and Resources
[Request Permissions](#)
[TOC Service:](#)
[Email](#) [RSS](#)
[Save to Binder](#)
[Export Formats:](#)
[BibTeX](#) [EndNote](#) [ACM Ref](#)


1 / 15 78.9% Rechercher a8-gutierrez.pdf (Objet application/pdf)

Pages


Options



1



2



3

Modeling Light Scattering for Virtual Heritage

DIEGO GUTIERREZ
Universidad de Zaragoza, Spain
VERONICA SUNDSTEDT
University of Bristol, UK
FERMIN GOMEZ
Universidad de Zaragoza, Spain
and
ALAN CHALMERS
University of Warwick, UK

Computer graphics, in particular high-fidelity rendering, make it possible to recreate cultural heritage on a computer, including a precise lighting simulation. Achieving maximum accuracy is of the highest importance when investigating how a site might have appeared in the past. Failure to use such high fidelity means there is a very real danger of misrepresenting the past. Although we can accurately simulate the propagation of light in the environment, little work has been undertaken into the effect that light scattering due to participating media (such as dust in the atmosphere) has on the perception of the site. In this article, we present the high-fidelity rendering pipeline including participating media. We also investigate how the appearance of an archaeological reconstruction is affected when dust is included in the simulation. The chosen site for our study is the ancient Egyptian temple of Kalabsha.

Categories and Subject Descriptors: I.3.7 [Computer Graphics]: Three-Dimensional Graphics and Realism—*Animation, color, shading, shadowing, and texture, virtual reality*

General Terms: Algorithms, Experimentation, Human Factors

Additional Key Words and Phrases: High-fidelity graphics, virtual archeology, ancient Egypt, participating media

8

Pour toute information contactez :



CADOC

**Rue de la flanelle cité Ain Allah, Delly Brahim
– 16320 Alger**

BP 143 – 16000 Alger-Gare

Tel : 021910352 Fax : 021910351

E-mail: cadoc@cadoc.dz