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- 多种方法助力高效检索科研文献
- IEEE投稿攻略，攻克投稿壁垒
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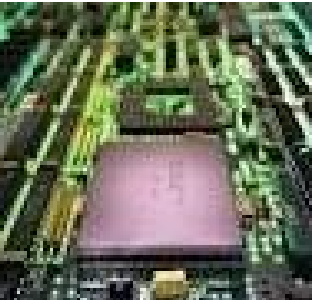
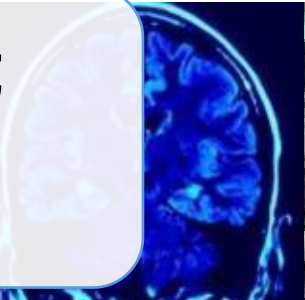
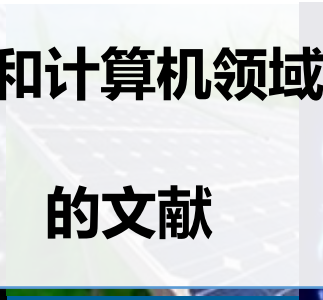
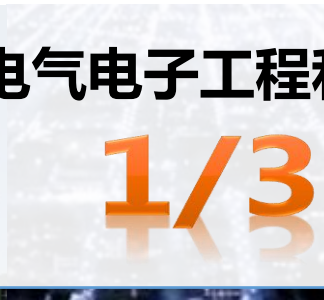
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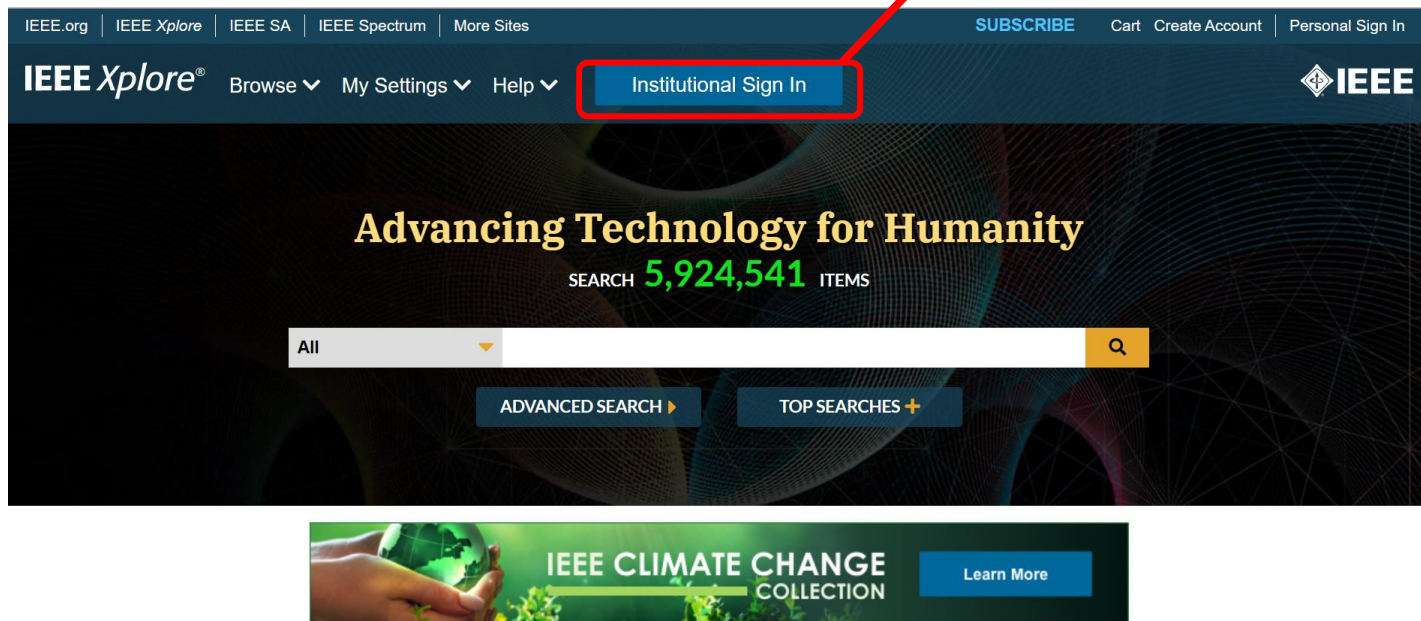
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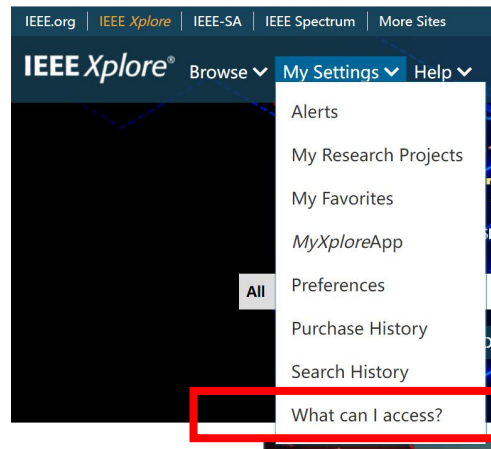
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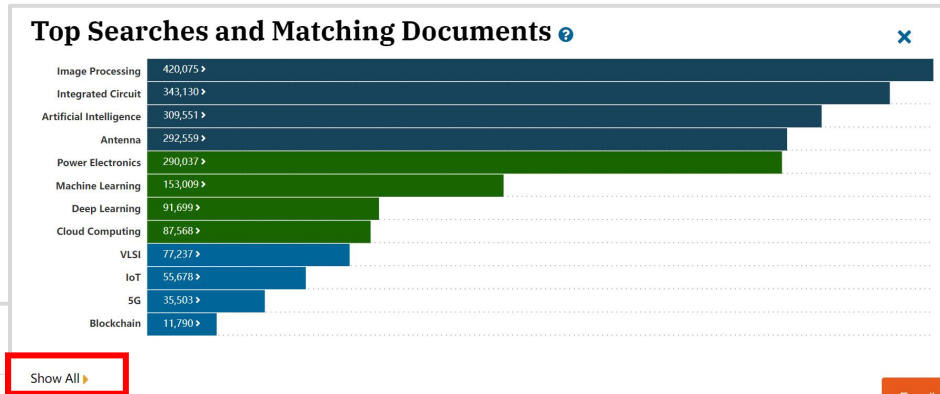
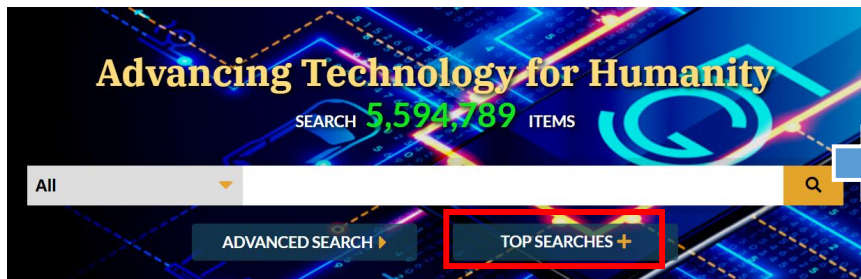


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Mohammad S. Obaidat

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Biography

Mohammad S. Obaidat [s'85, M'86, Sm'91, F'05] received his Ph.D. degree in computer engineering in computer science from The Ohio State University, Columbus. He has published more than 1000 refereed technical articles, about half of them journal articles, over 70 books, and about 70 book chapters. He is Editor-in-Chief of three scholarly journals and an Editor of many other international journals. (Based on document published on 20 August 2021).

Publications

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Co-Authors:

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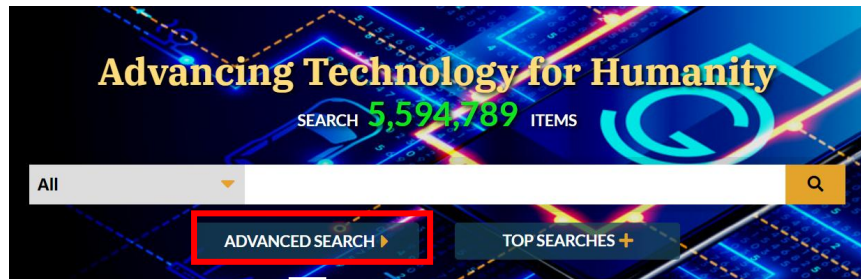
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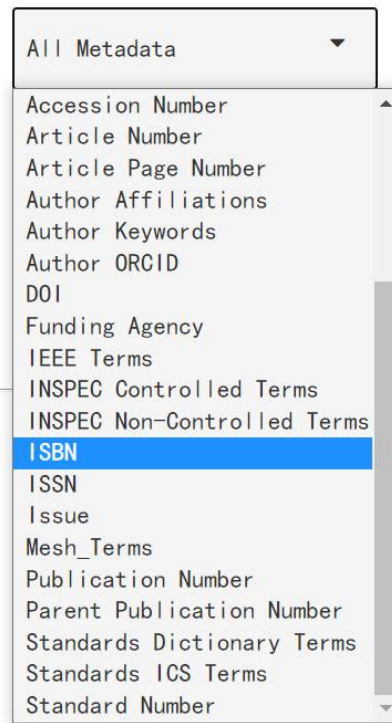
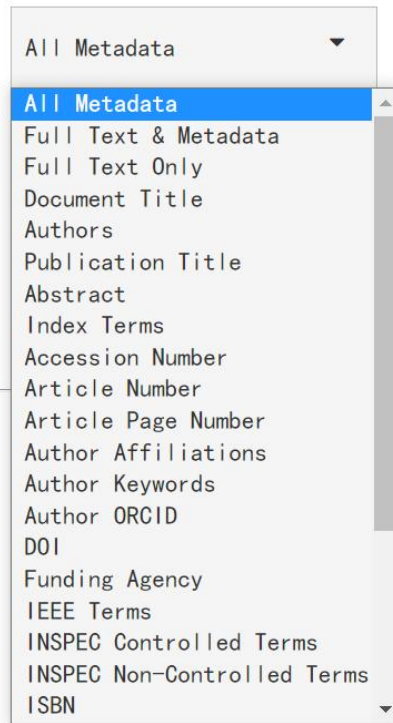
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HAOYU WANG; YONG LIU; ZIFENG HAN; JIANZHANG WU

2020 International Conference on Artificial Intelligence and Education (ICAIE)

Year: 2020 | Conference Paper | Publisher: IEEE



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John Wright; Allen Y. Yang; Arvind Ganesh; S. Shankar Sastry; Yi Ma
IEEE Transactions on Pattern Analysis and Machine Intelligence
Year: 2009 | Volume: 31, Issue: 2 | Journal Article | Publisher: IEEE
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- 3 Two Fundamental Issues in Face Recognition
- 4 Experimental Verification
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Abstract:

We consider the problem of automatically recognizing human faces from frontal views with varying expression and illumination, as well as occlusion and disguise. We cast the recognition problem as one of classifying among multiple linear regression models and argue that new theory from sparse signal representation offers the key to addressing this problem. Based on a sparse representation computed by C^1 -minimization, we propose a general classification algorithm for (image-based) object recognition. This new framework provides new insight into face recognition: feature extraction and robustness to occlusion. For feature extraction, the recognition problem is properly harnessed, the choice of features is no longer critical. Whether the number of features is sufficiently large and whether the sparse representation is correctly computed. Unconventional features such as downsampled images and random projections perform just as well as conventional features such as eigenfaces and Laplacianfaces, as long as the dimension of the feature space surpasses certain threshold, predicted by the theory of sparse representation. This framework can handle errors due to occlusion and corruption uniformly by exploiting the fact that these errors are often sparse with respect to the standard (pixel) basis. In the recognition algorithm, we can handle errors due to occlusion and corruption. We conduct extensive experiments on face recognition and corroborate the above claims.

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Published in: IEEE Transactions on Pattern Analysis and Machine Intelligence (Volume: 31, Issue: 2, Feb. 2009)

Page(s): 210 - 227

INSPEC Accession Number: 10370800

Date of Publication: 03 April 2008

DOI: 10.1109/TPAMI.2008.79

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We consider the problem of face recognition under illumination, as well as occlusion and multiple faces.

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

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School of Engineering
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Biography

Dinh C. Nguyen (Member, IEEE) is currently pursuing the Ph.D. degree with the School of Engineering, Deakin University, Geelong, VIC, Australia. He has published over 20 papers as the first author at the top-tier IEEE journals and conferences, such as IEEE Transactions on Mobile Computing, IEEE Wireless Communications Magazine, IEEE Communications Surveys and Tutorials, IEEE Internet of Things Journal, IEEE GLOBECOM, ICC, and CCGGrid conferences. His research interests focus on wireless communications, federated learning, deep reinforcement learning, blockchain, and edge computing. Mr. Nguyen has been a recipient of the prestigious Data61 Ph.D. scholarship, CSIRO, Australia. He has been the TPC member of top-tier conferences including IEEE G... Show More

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Co-Authors:

Prabadevi B.
Peng Cheng
N. Deepa
Ming Ding
Octavia Dobres

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Journals (11) Conferences (6) Magazines (2)

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Blockchain for Edge of Things: Applications, Opportunities, and Challenges

Thippa Reddy Gadekallu; Quoc-Viet Pham; Dinh C. Nguyen; Praveen Kumar Reddy Maddikunta; N. Deepa; B. Prabadevi; Pubudu N. Pathirana; Jun Zhao; Won-Joo Hwang

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☐ Video (1,183)

☐ Code (566)

☐ Immersive Articles (2)

Conference Location

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☐ **A Voting-Mechanism based Ensemble Framework for Constraint Handling Techniques** 

Guohua Wu; Xupeng Wen; Ling Wang; Witold Pedrycz; P. N. Suganthan

IEEE Transactions on Evolutionary Computation

Year: 2021 | Early Access Article | Publisher: IEEE

► Abstract





 Media


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Media

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Description 

This is the supplementary file of the article “A Voting-Mechanism based Ensemble Framework for Constraint Handling Techniques” published in IEEE Transactions on Evolutionary Computation. This file contains two parts. One part includes the details of the 57 real-world constrained optimization problems, which are used in Section IV in the manuscript. Another part is the experimental results, including the best/mean/median values of the ten comparison algorithms on the 57 real-world constrained optimization problems, as the supplementary data of Table I and Table II in the manuscript.

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<input type="checkbox"/> Code (566)	
<input type="checkbox"/> Immersive Articles (2)	
Conference Location	▼
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Standard Type	▼

☐ **SR Latch: The Wrong Introduction to Digital Memory**
Abdulahdi Shoufan
2020 IEEE International Symposium on Circuits and Systems (ISCAS)
Year: 2020 | Conference Paper | Publisher: IEEE

▶ Abstract

Ⓜ (html)

📄 (128 Kb)

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▶ Video

会议视频

Open Source RFNoC-Based Testbed for Millimeter-Wave Experimentation using USRP Software Defined Radios

2020 IEEE International Symposium on Circuits and Systems Virtual, October 10-21, 2020

Open Source RFNoC-Based Testbed for Millimeter-Wave Experimentation Using USRP Software Defined Radios

Adriana Moreno ^{*}, Jesús Omar Lacruz ^{*}, Joerg Widmer ^{*}

^{*} IMDEA Networks Institute, ^o Universidad Carlos III de Madrid, Spain

2020 IEEE International Symposium on Circuits and Systems Virtual, October 10-21, 2020

Transcript

Open Source RFNoC-Based Testbed for Millimeter-Wave using USRP Software Defined Radios

[00:03] JESUS OMAR LACRUZ Hello. I am Jesus Omar Network Institute, Madrid, Spain. I will be in charge of the 2020 International Symposium On Circuits and Systems entitled "Open source RFNoC-based testbed for millimeter-wave experimentation using USRP software defined radios." technology, millimeter-wave communication requires suitable platforms to speed up data collection and validation.

[00:38] JESUS OMAR LACRUZ If we list the [INAUDIBLE] testbed, we'll always [INAUDIBLE] flexibility, the configuration to different conditions, and of course, affordability. We can solutions for millimeter-wave testbed with different characteristics ideal for different scenarios. Some works use commercial devices as research platforms.

[01:06] JESUS OMAR LACRUZ The main problem is the physical layer information. On the other hand, commercial prices that could be not affordable for all research groups that USRPs has proven efficacy in sub-6-gigahertz network millimeter-wave systems will bring the desired flexibility, a wide online open-source community.

[01:35] JESUS OMAR LACRUZ Besides enhancing its RFNoC framework, [INAUDIBLE] the implementation of software blocks in the FPGA, which is very important to reduce latency system in a hardware-in-the-loop manner. Keeping this in mind we designed and implemented a millimeter-wave experiment using USRPs and 60-gigahertz transceivers. We take advantage of the RFNoC framework to implement the hardware processing the preamble of IEEE 802.11ad compliant frames in real-time.

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Supplemental Items

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☐ Media (57,329)

☐ Datasets (1,193)

☐ Video (1,183)

☐ Code (566)

☐ Immersive Articles (2)

Conference Location

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Standard Type

▼

☐ **A Novel Mean-Shift Algorithm for Data Clustering**

Claude Cariou; Steven Le Moan; Kacem Chehdi

IEEE Access

Year: 2022 | Volume: 10 | Journal Article | Publisher: IEEE

[Abstract](#) [HTML](#)   [Code](#)

代码

Code & Datasets

Code

Dataset

This article includes code hosted on Code Ocean, a computational reproducibility platform that allows users to view, modify, run, and download code included with IEEE Xplore articles. NOTE: A Code Ocean user account is required to access functionality in the capsule below.

Code: MATLAB Robust MeanShift clustering algorithm

Robust MeanShift clustering algorithm (Claude Cariou)

Files

Core Files

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591 B

environment

199 B

code

4.74 KB

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NN_RMS_w_search_co.m

3.01 KB

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92.52 KB

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Computer Science

Robust MeanShift clustering algorithm

Claude Cariou

A data clustering algorithm which mixes the classical Mean-Shift algorithm an its blurring version, and uses a nearest neighbor (NN) search. The only parameter is K, the number of NNs.

[Clustering](#) [Data Mining](#) [meanshift](#)

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Standard Type



☐ Multi-Modal Remote Sensing Image Matching Considering Co-Occurrence Filter



Yongxiang Yao; Yongjun Zhang; Yi Wan; Xinyi Liu; Xiaohu Yan; Jiayuan Li
IEEE Transactions on Image Processing

Year: 2022 | Volume: 31 | Journal Article | Publisher: IEEE

Abstract

HTML



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Datasets

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COFSM



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Citation Author(s):

Yongxiang Yao
Yongjun Zhang

Submitted by:

Yongxiang Yao

Last updated:

Fri, 03/11/2022 - 01:24

DOI:

10.21227/2raa-sp12

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33 Views

Categories:

Image Processing

Keywords:

Multi-modal Remote Sensing Image; Matching; Co-occurrence Filter; New image gradient

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ABSTRACT

This CoFSM dataset contains the supplemental material of TIP3157450 (Multimodal remote sensing image datasets). The CoFSM dataset contains six types of modal images (multi temporal-optical, infrared-optical, depth-optical, map-optical, SAR-optical and night-day). Each modal type includes 10 groups of images, and each set of images has corresponding ground truth points. These ground truth data are stored in the "Ground_truth" folder. For more details, see the following URL link: <https://skyearth.org/publication/project/CoFSM/>

Instructions:

Introduction of the CoFSM dataset

This CoFSM dataset contains the supplemental material of TIP3157450 (Multimodal remote sensing image datasets). The CoFSM dataset contains six types of modal images (multi temporal-optical, infrared-optical, depth-optical, map-optical, SAR-optical and night-day). Each modal type includes 10 groups of images, and each set of images has corresponding ground truth points. These ground truth data are stored in the "Ground_truth" folder.

CoFSM dataset of Multimodal remote sensing image

CoFSM dataset of Multimodal Remote Sensing Image Matching Considering Co-occurrence Filter, to be published in IEEE Transactions on Image Processing.

Dataset introduction:

It contains 6 multi-modal data types:

1->optical-optical include 10 sets of images;

DATASET FILES

- CoFSM dataset contains multi-modal images data CoFSM.zip (37.48 MB)

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DOCUMENTATION

Introduction to the "CoFSM" dataset (16.09 KB)

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☐ Choosing Representation, Mutation, and Crossover in Genetic Algorithms



Alexander Dockhorn; Simon Lucas

IEEE Computational Intelligence Magazine

Year: 2022 | Volume: 17, Issue: 4 | Magazine Article | Publisher: IEEE

Abstract

HTML



沉浸互动模式



Drag and drop queens to change their position. Try to position all queens such that no two queens share the same row, column, or diagonal. Queens that threaten each other will be highlighted in red. In case you found a solution all queens will be highlighted in green.

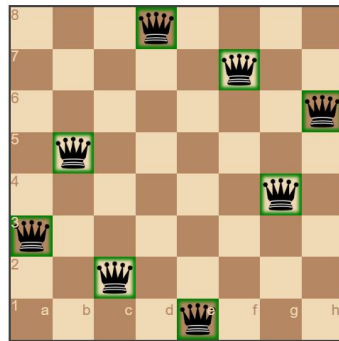


Figure 3:
Introducing the 8-Queens problem.

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From To
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Publisher: IEEE

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Huyan Tao; Gang Lv; Yingxian Zou

2010 International Conference on Management and Service Science

Year: 2010 | Conference Paper | Publisher: IEEE

Abstract

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To

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- ☐ School of Science, Xi'an University of Architecture and Technology, Xi'an, China (31)

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☐ An Unmanned Intelligent Transportation Scheduling System for Open-Pit Mine Vehicles Based on 5G and Big Data

Sai Zhang; **Caiwu Lu**; Song Jiang; Lu Shan; Neal Naixue Xi

Year



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Affiliation

School of Resources Engineering
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Xi'an, China

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Biography

Caiwu Lu was born in Xiantao, China, in 1965. He received the B.S. degree in mining engineering from the Department of Mining, Xi'an University of Architecture and Technology, Shaanxi, China, in 1987, and the Ph.D. degree in mine engineering from Northeastern University, Shenyang, China, in 1998. He is

Publications

16

Citations?

106

Publications by Year



Co-Authors:

Zhaozhao Chang
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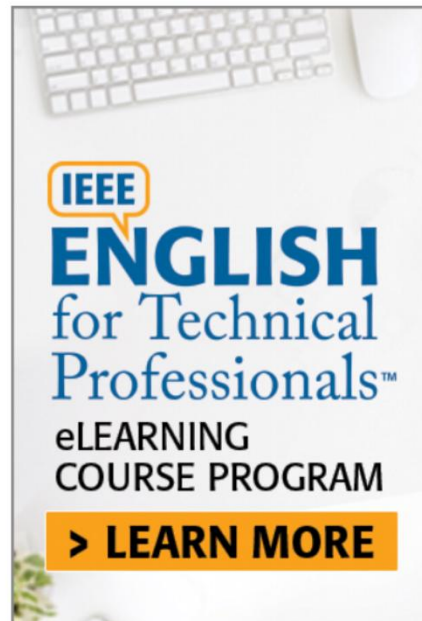
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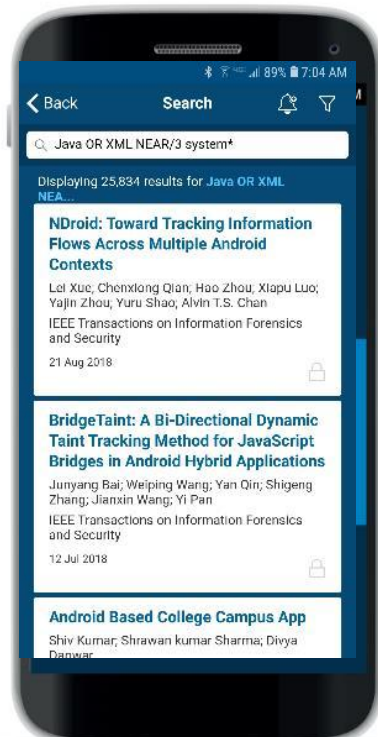
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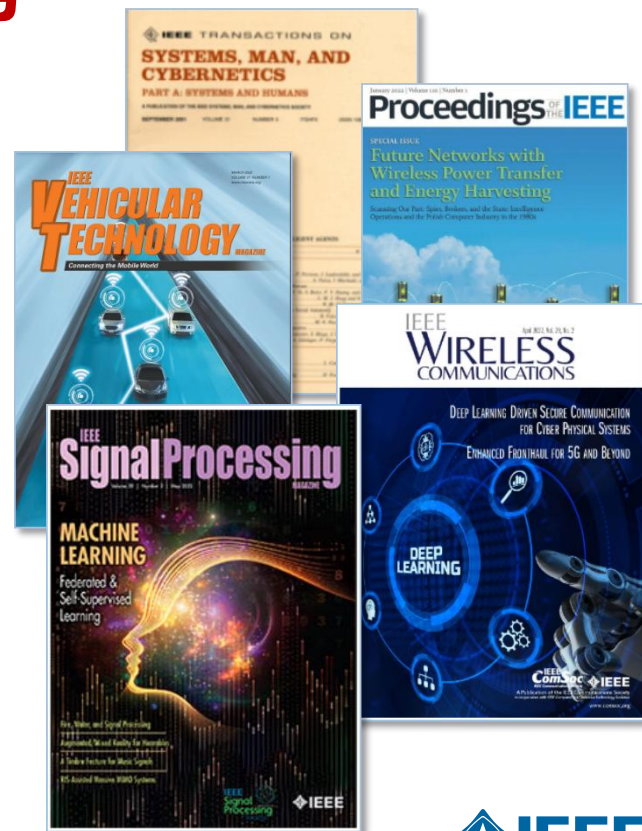
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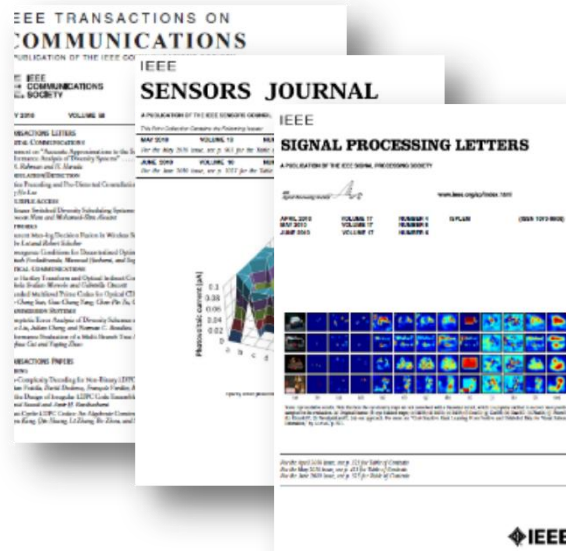
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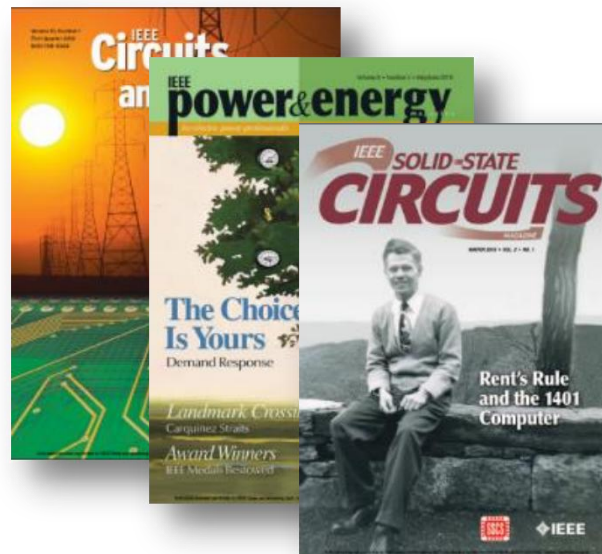
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Intelligent Systems Magazine, IEEE	Open Access Available	3.405	Not yet available
Computational Intelligence Magazine, IEEE	No Open Access	11.356	Not yet available
Intelligent Vehicles, IEEE Transactions on	Open Access Available	Not yet available	67.3 Weeks
Intelligent Transportation Systems, IEEE Transactions on	Open Access Available	6.492	50.5 Weeks
Intelligent Transportation Systems Magazine, IEEE	No Open Access	3.419	Not yet available

▼ Conferences: (422 results) Sort By: Keyword Match (relevance) ▼ SHOW MAP

Title Location	Country	Abstract Submission Deadline	Conference Date
2022 International Conference on Artificial Intelligence in Information and Communication (ICAIIIC) Location: GU, USA	USA		21-24 Feb 2022
2022 Second International Conference on Artificial Intelligence and Smart Energy (ICAIS) Location: JCT College of Engineering and Technology, Pichanur Road, Off NH 47, Pichanur, Coimbatore, India	India	17 Oct 2021	23-25 Feb 2022

<http://publication-recommender.ieee.org/home>



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Aims & Scope

IEEE Internet of Things (IoT) Journal publishes articles on the latest advances, as well as articles, on the various aspects of IoT. Topics include IoT system architecture, IoT enabling technologies, IoT communication and networking protocols such as network coding and applications. Examples are IoT demands, impacts, and implications on sensor data management, and future Internet design for various IoT use cases, such as smart environments, smart homes, etc. The fields of interest include: IoT architecture such as data-centric, service-oriented IoT architecture; IoT enabling technologies and systems such as sensor technologies, big sensor data management, and future Internet design for services, applications, and test-beds such as IoT service middleware, IoT application interface (API), IoT application design, and IoT trials/experiments; IoT standardization technology development in different standard development organizations (SDO) such as IEEE, IETF, ITU, 3GPP, etc.

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投稿须知

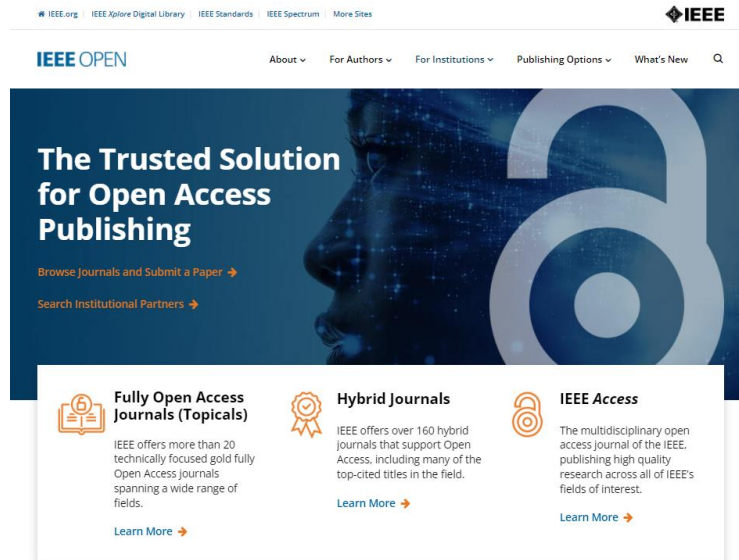


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The screenshot shows the 'Step 1: Type, Title, & Abstract' submission page. It includes a sidebar with navigation links (Step 1: Type, Title, & Abstract; Step 2: File Upload; Step 3: Abstracts; Step 4: Authors & Institutions; Step 5: Details & Comments; Step 6: Review & Submit). The main content area has instructions for authors, a list of special sections (e.g., 'Special Section: Unmanned Aerial Vehicle-based Antenna and Field Measurements'), and input fields for Title and Abstract. At the bottom, there is an 'Open Access Agreement' section with a checkbox and a 'Save & Continue' button.

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* = Required Fields

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Step 3: Attributes >

Step 4: Authors & Institutions >

Step 5: Details & Comments >

Step 6: Review & Submit >

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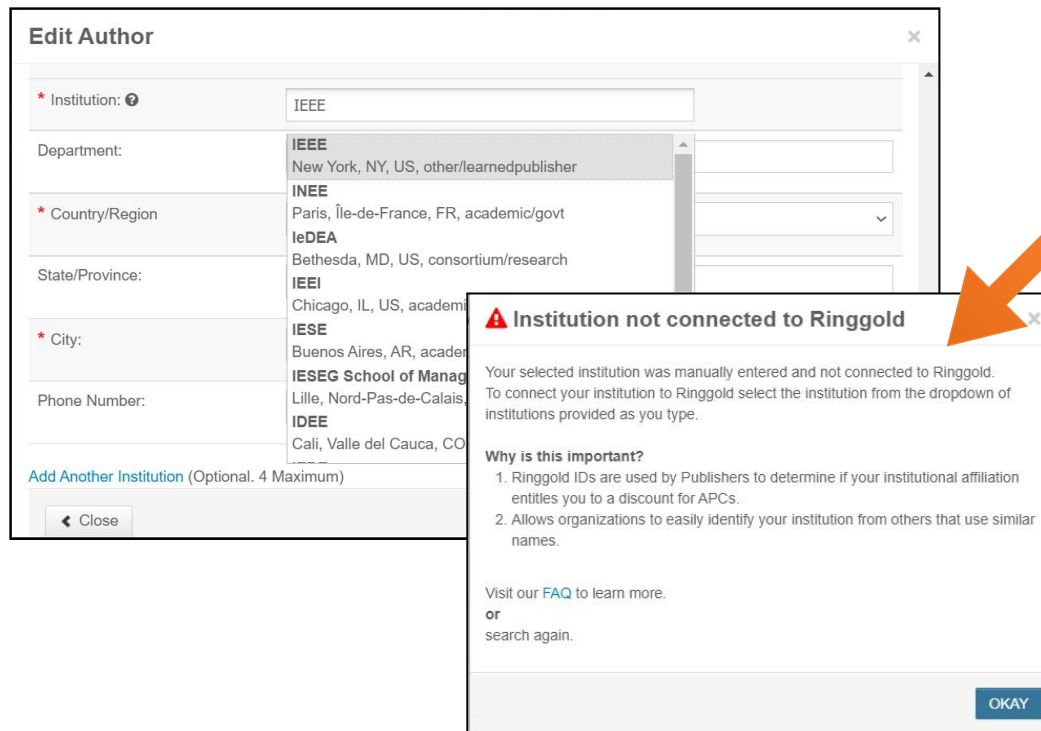
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The image shows a screenshot of the 'Edit Author' form and a warning dialog box. The form has fields for Institution, Department, Country/Region, State/Province, City, and Phone Number. A dropdown menu is open for the Institution field, showing a list of institutions including IEEE, INEE, leDEA, IEEI, IESE, and ISEG School of Management. An orange arrow points from the text '请作者注意选择学校级别账号' to the dropdown menu. Below the form, there is a warning dialog box with the title 'Institution not connected to Ringgold'. The dialog box contains the following text: 'Your selected institution was manually entered and not connected to Ringgold. To connect your institution to Ringgold select the institution from the dropdown of institutions provided as you type.' It also includes a section 'Why is this important?' with two points: '1. Ringgold IDs are used by Publishers to determine if your institutional affiliation entitles you to a discount for APCs.' and '2. Allows organizations to easily identify your institution from others that use similar names.' At the bottom of the dialog box, there is a link to 'Visit our FAQ to learn more.' and an 'OKAY' button.

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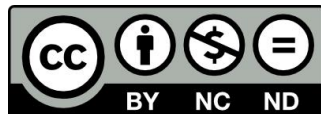
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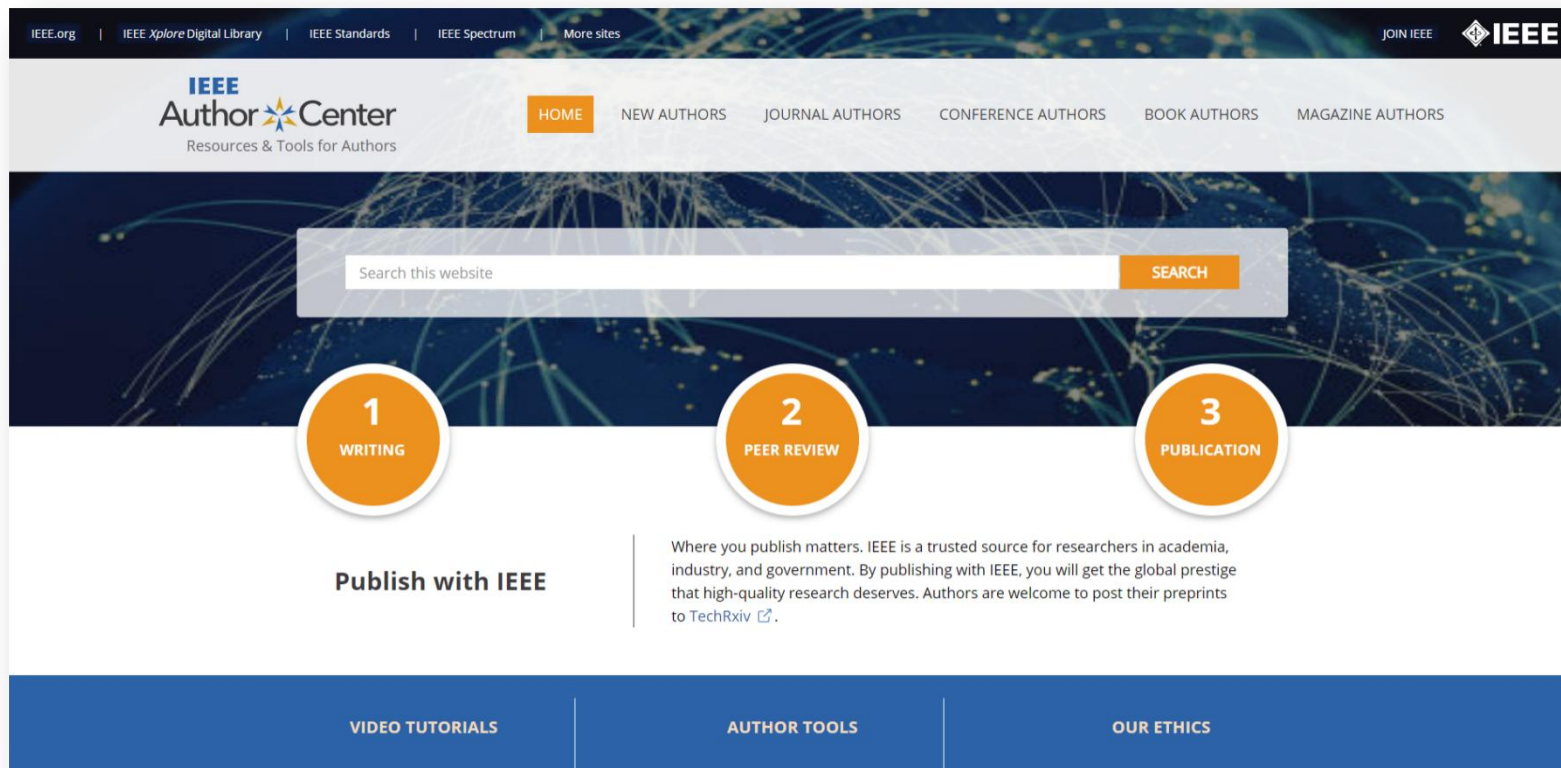
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主题一（b）：巧用IEEE Xplore进阶检索技巧，精确定位目标文献	03月23日，19:00–20:00
主题二：IEEE学术资源分享，获悉最新动态	03月30日，19:00–20:00
主题三：IEEE步履不停：领航开放科学之路	04月06日，19:00–20:00
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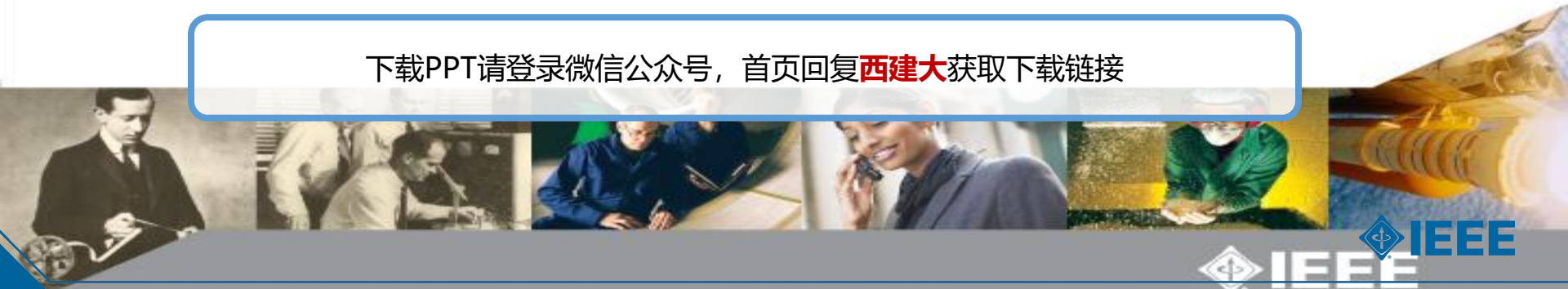
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