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- IEEE 简介
- IEL 数据库及 IEEE Xplore 平台介绍
- IEEE 期刊会议投稿流程
- IEEE 相关资源推介

IEEE 简介





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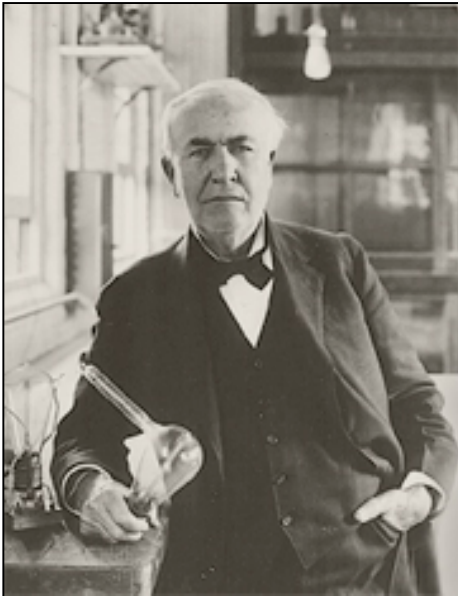
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American Institute of Electrical Engineers (AIEE)

Founding officers of the American Institute of Electrical Engineers in 1884:



Thomas A. Edison



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The Institute of Radio Engineers(IRE)

*Founding member of the Institute of Radio Engineers
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Guglielmo Marconi

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1963年1月1日，
AIEE和IRE合并为
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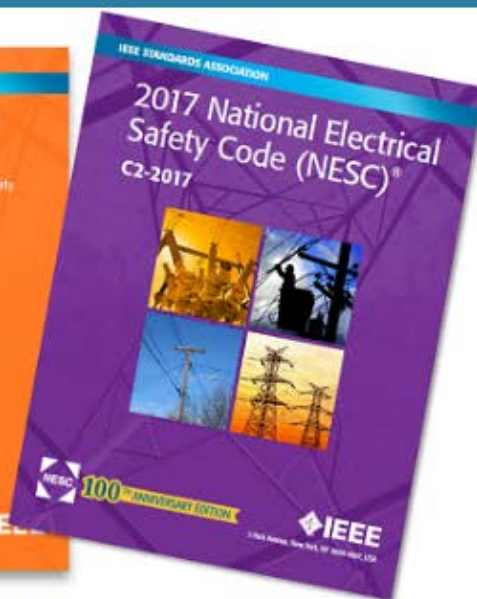
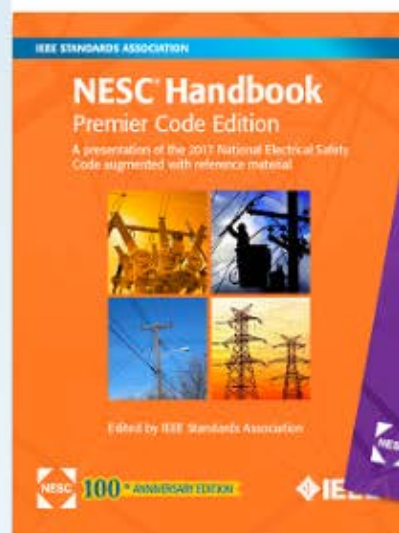
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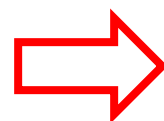
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☐ **Enhanced Back Projection Algorithm for Linear Frequency Diverse Array Synthetic Aperture Radar Imaging**
- Yin; Da Ran; Xin Jia
Proceedings of EUSAR 2016: 11th European Conference on Synthetic Aperture Radar
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☐ **A novel method to retrieve sea wave components from radar image sequence**
Yanbo Wei; Zhizhong Lu; Jian-Kang Zhang
2016 IEEE International Conference on Mechatronics and Automation
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Pages: 1691 - 1696, DOI: [10.1109/ICMA.2016.7558818](#)
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- ☐ **High-resolution multiple-input-multiple-output-inverse synthetic aperture radar **imaging** based on sparse representation** 

Jianchao Yang; Weimin Su; Hong Gu

IET Radar, Sonar & Navigation

Year: 2016, Volume: 10, Issue: 7


Pages: 1277 - 1285, DOI: 10.1049/iet-rsn.2015.0517

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- ☐ **2-D sparse autoregressive modeling for high resolution radar **imaging**** 

Bahar Özen; Işın Erer

2016 24th Signal Processing and Communication Application Conference (SIU)

Year: 2016

Pages: 857 - 860, DOI: 10.1109/SIU.2016.7495875

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IET Radar, Sonar & Navigation
Year: 2016, Volume: 10, Issue: 7
Pages: 1277 - 1285, DOI: 10.1049/iet-rsn.2015.0517
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∨ Zhili Zhou  ; ∨ Yunlong Wang ; ∨ Q. M. Jonathan Wu ; ∨ Ching-Nung Yang ; ∨ Xingming Sun

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To detect illegal copies of copyrighted images, recent copy detection methods mostly rely on the bag-of-visual-words (BOW) model, in which local features are quantized into visual words for image matching. However, both the limited discriminability of local features and the BOW quantization errors will lead to many false local matches, which make it hard to distinguish similar images from copies. Geometric consistency verification is a popular technology for reducing the false matches, but it neglects global context information of local features and thus cannot solve this problem well. To address this problem, this paper proposes a global context verification scheme to filter false matches for copy detection. More specifically, after obtaining initial scale invariant feature transform (SIFT) matches between images based on the BOW quantization, the overlapping region-based global context descriptor (OR-GCD) is proposed for the verification of these matches to filter false matches. The OR-GCD not only encodes relatively rich global context information of SIFT features but also has good robustness and efficiency. Thus, it allows an effective and efficient verification.

摘要

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Abstract:

We introduce a new class of problems called network information flow which is inspired by computer network applications. Consider a point-to-point communication network on which a number of information sources are to be multicast to certain sets of destinations. We assume that the information sources are mutually independent. The problem is to characterize the admissible coding rate region. This model subsumes all previously studied models along the same line. We study the problem with one information source, and we have obtained a simple characterization of the admissible coding rate region. Our result can be regarded as the max-flow min-cut theorem for network information flow. Contrary to one's intuition, our work reveals that it is in general not optimal to regard the information to be multicast as a "fluid" which can simply be routed or replicated. Rather, by employing coding at the nodes, which we refer to as network coding, bandwidth can in general be saved. This finding may have significant impact on future design of switching systems.

Published in: [IEEE Transactions on Information Theory](#) (Volume: 46, Issue: 4, Jul 2000)

Page(s): 1204 - 1216

INSPEC Accession Number: 6660200

Date of Current Version: 06 August 2002

DOI: [10.1109/18.850663](#)

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Chih-Wei Hsu
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Zhili Zhou 

Jiangsu Engineering Center of Network Monitoring, School of Computer and Software, Nanjing University of Information Science and Technology, Nanjing, China

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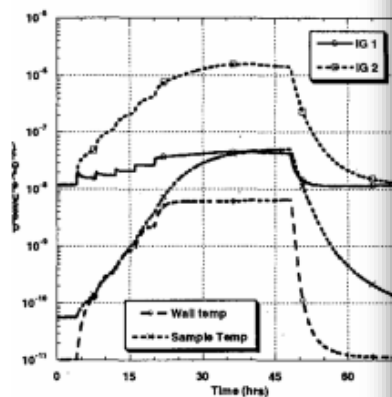
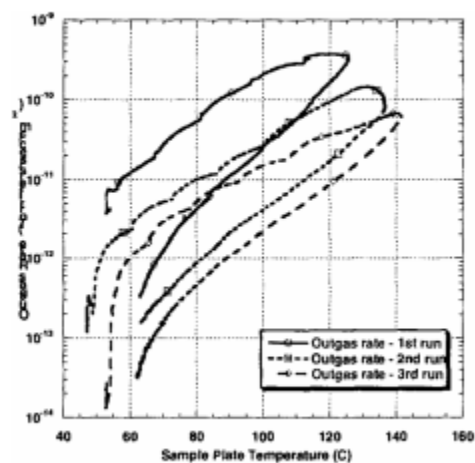
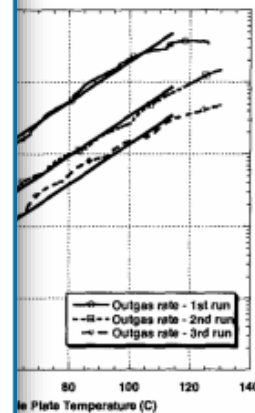


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3. B. Shen, Z. Wang, X. Liu, "Bounded H_∞ synchronization and state estimation for discrete time-varying stochastic complex networks over a finite horizon", *IEEE Trans. Neural Netw.*, vol. 22, no. 1, pp. 145-156, Jan. 2011.
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2. Ming He, Zongpeng Li, Chuan Wu and Xunrui Yin, "On uniform matroidal networks", *Information Theory Proceedings (ISIT) 2013 IEEE International Symposium on*, pp. 2730-2734, 2013, ISSN 2157-8117.

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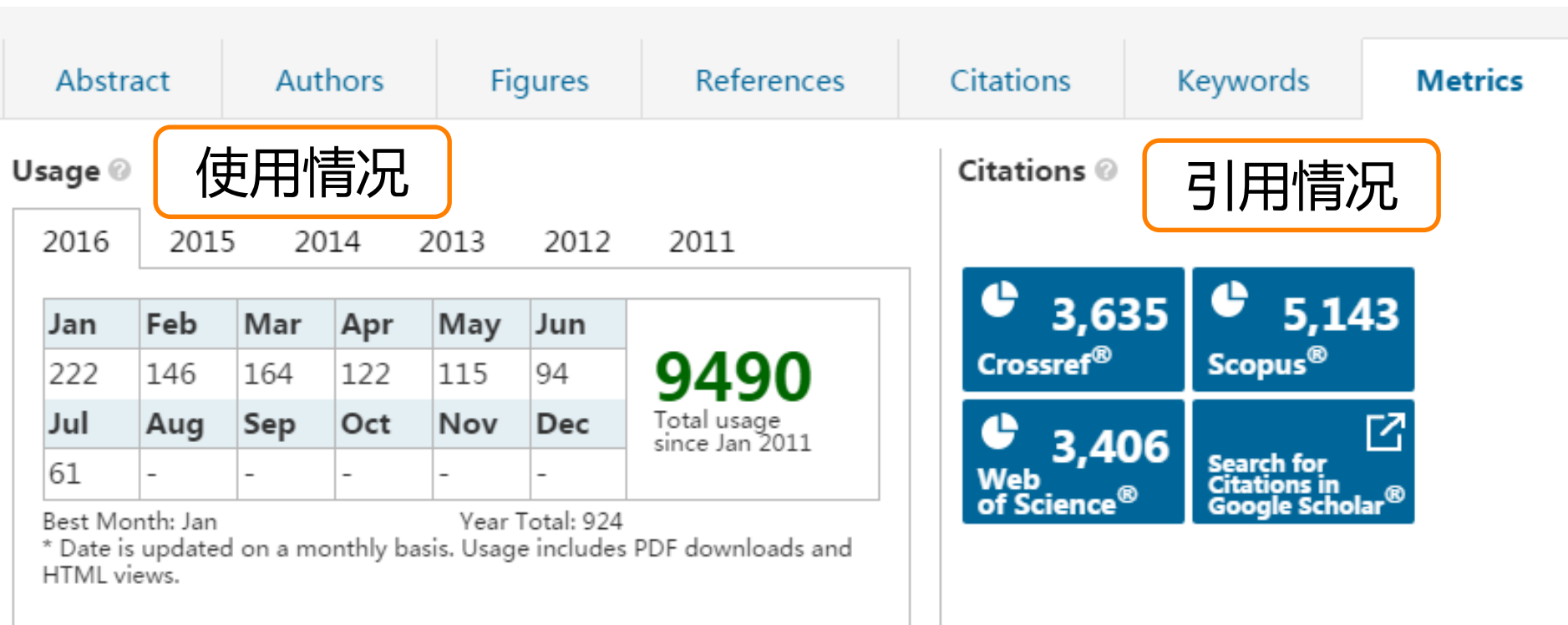
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United States Patent **8,723,718**
Berens, et al. **May 13, 2014**

Method and device for determining aspect angle progression

Abstract

A method and a device are provided for specifying, in the context of the image generation of ISAR processing, the determination of the aspect angle course subject to which the radar illuminates the vehicle during the exposure and subject to which the vehicle echoes are reflected back to the radar. Using the distance between the radar sensor and the vehicle as well as the change in distance, both of which are determined from the radar data, the position and the velocity of the vehicle are determined at any time during the exposure through linkage with available road information. The aspect angle is then determined from the positions of the sensor and of the vehicle as well as from the direction of movement of the vehicle. The required road information can be acquired from digital maps or images (e.g. aerial photographs, SAR-images).

Inventors: Berens; Patrick (Hattingen, DE), Holzner; Juergen (Wachtberg-Liessern, DE), Gebhardt; Ulrich (Bruehl, DE)

Applicant:

Name	City	State	Country	Type
Berens; Patrick	Hattingen	N/A	DE	
Holzner; Juergen	Wachtberg-Liessern	N/A	DE	
Gebhardt; Ulrich	Bruehl	N/A	DE	

Assignee: EADS Deutschland GmbH (Ottobrunn, DE)

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- ☐ **Cramér–Rao bound analysis for joint target location and velocity estimation in frequency modulation based passive radar networks**

Chenguang Shi; Fei Wang; Jianjiang Zhou

IET Signal Processing

Year: 2016, Volume: 10, Issue: 7

Pages: 780 - 790, DOI: 10.1049/iet-spr.2016.0101

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Pages: 1 - 4, DOI: 10.1049/cp.2015.0858

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☐ A PCE-based Redundancy-aware Path Selection scheme for multi-layer network

Yu Yao; Yongjun Zhang; Chuanhao Lu; Zhihui Zhang; Bin Li; Wanyi Gu

2009 Asia Communications and Photonics conference and Exhibition (ACP)



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- ☐ **The coexistence of UTRA-TDD and FDD system in the adjacent channel**
Qingyu Miao; Wenbo Wang; Dacheng Yang
Global Telecommunications Conference, 2001. GLOBECOM '01. IEEE
Year: 2001, Volume: 6
Pages: 3714 - 3718 vol.6, DOI: 10.1109/GLOCOM.2001.966374
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Xing Zhang; Wenbo Wang; Yuan'an Liu
2005 IEEE International Symposium on Circuits and Systems
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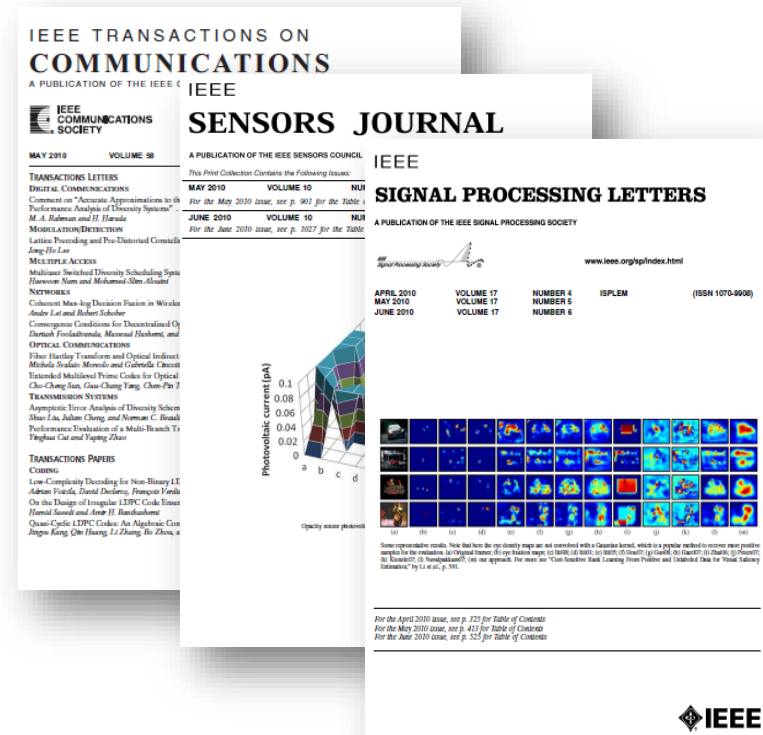
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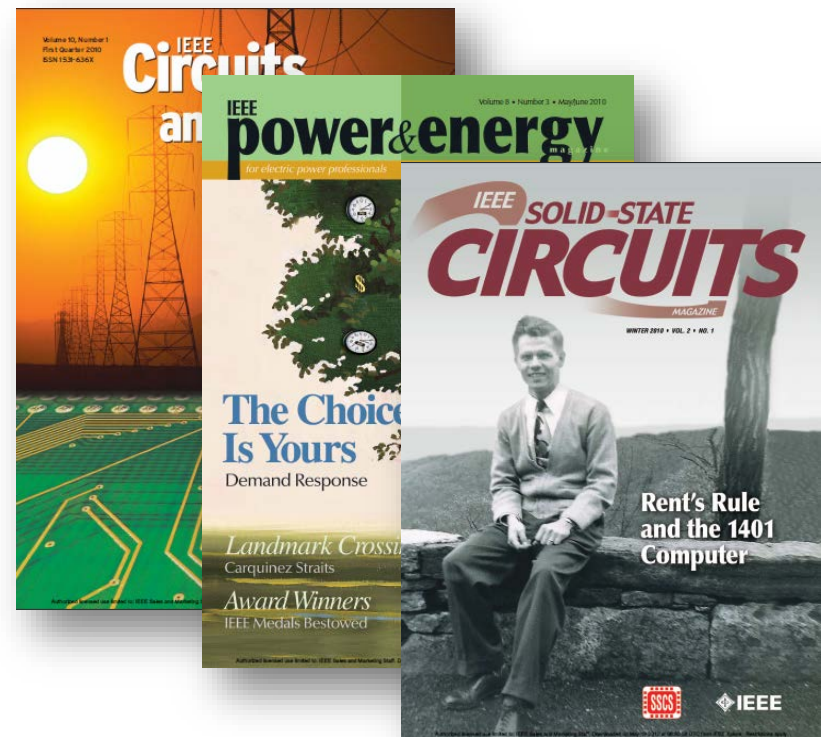
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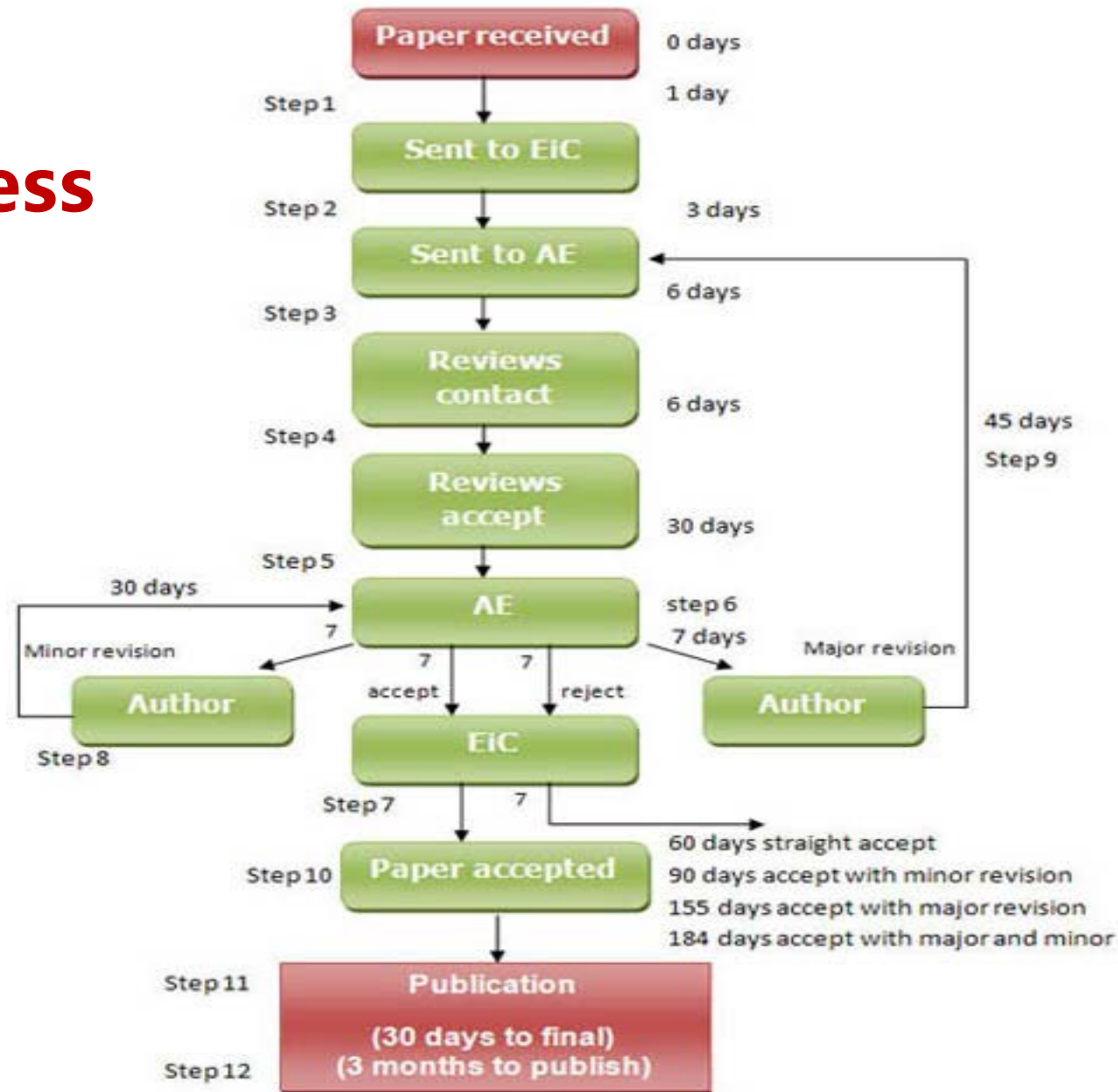
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主题五	专利申请、专利检索与分析基础课程 💬 5月24日 👤 5月25日 WebEx 6月9日

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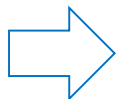
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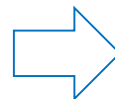
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有问题请随时联系我们！

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