ISSN 2092-805X (Electronic)

JIPS

JOURNAL OF INFORMATION PROCESSING SYSTEMS
Volume 22, Number 1 (Serial Number 97), February 2026

· Efficient Scene Text Decision Algorithm for Vehicle Text Recognition
Yeong-jin Hwang, Young-bin Jeong, and Kwang-il Hwang 1

· Reflecting Color Elements in Cultural and Creative Product Packaging: Using the "Four Spirits" Pattern as an Example
Xiaona Lan 13

· Research on Chinese Machine Reading Comprehension Model Based on Enhanced Semantic Information Capture
Yanfeng Wang and Ning Ma 21

· Semantic-Based Evaluation Framework for Topic Models: Integrated Deep Learning and LLM Validation
Seog-Min Lee 34

· An Algorithm for Generating Layouts of Same-Size Strip T-Shape
Jun Ji, Fei-fei Xing, Dan Su, and Yao-dong Cui 49

· Stochastic Image Denoising Method Based on Slice Sampling
Zhiqin Zhao and Liang Luo 62

(Continued on outside back cover)

iThenticate Professional Plagiarism Prevention
kips Korea Information Processing Society

JOURNAL OF INFORMATION PROCESSING SYSTEMS
Volume 22, Number 1 (Serial Number 97) February 2026
kips Korea Informations Processing Society

(Continued from outside front cover)

· Decentralized Collaboration among AI-Enabled Smart Machines on Blockchain
Kang-Won Lee and Tiger (Dong Geon) Shin 75

· Distributed Resource Allocation in IoT Networks Based on Deep Reinforcement Learning
Xueping Han 88

· Research on Recommendation Method of Bullet Screen Video Based on Sentiment Analysis
Kai Wang 100

kips Korea Information Processing Society
#1002, Yongseong Biztel, Hangangno 2-ga, Yongsangu, Seoul, Korea
Phone:+82-2-2077-1414 Fax: +82-2-2077-1472 Homepage: http://jips-k.org

Volume 22, Number 1 (Serial Number 97), February 2026

Journal of Information Processing Systems (JIPS)
ISSN 2092-805X (Electronic)
http://jips-k.org

JOURNAL OF INFORMATION PROCESSING SYSTEMS JIPS

Published on February 28, 2026

The Journal of Information Processing Systems is the offcial journal of Korea Information Processing Society. Abbreviaated title is 'J Inf Process Syst'. It was launched in 2005. It is published bimonthly, on the last day of February, April, June, August, October and December of each year. Our Journal has been exclusively online since June 2024.

Aims and Scope

The JIPS is a peer-reviewed bimonthly journal that publishes high-quality papers after subjecting them to a rigorous review process. It publishes diverse papers, including theoretical research contributions presenting new techniques, concepts or analyses; experience reports; experiments involving the implementation and application of new theories; and tutorials on state-of-the-art technologies related to information processing systems. In addition, the journal's editorial board selects featured articles with outstanding contributions and results, and introduces them on the journal's homepage. The subjects covered by this journal include, but are not limited to, topics related to a) computer systems and theory; b) multimedia systems and graphics; c) communication systems and security; and d) software systems and applications. To be accepted, however, a paper must be judged to be truly outstanding in its field and to be of interest to a wide audience.

Subscription Information

Korea Information Processing Society (KIPS) will send the Journal of Information Processing Systems for free to individuals, libraries and educational institution worldwide. Full text PDF file are also available at the official website (http://jips-k.org).

Contact JIPS

Publisher Neungsoo Park (Korea Information Processing Society)

Editors-in-Chief Tae Hyun Kim (Hanyang University, Korea)
Aviral Shrivastava (Arizona State University, USA)

Editorial office Korea Information Processing Society
#1002, Yongseong Biztel, Hangangno 2-ga, Yongsan-gu, Seoul 04376, Korea
Tel: +82-2-2077-1414 Fax: +82-2-2077-1472
E-mail: kips@kips.or.kr Homepage: http://jips-k.org

Publication Date February 28, 2026

This is an Open Access article distributed under the terms of the Creative Commons Attribution Non-Commercial License.
All publications of JIPS are indexed in ESCI, Scopus, DOI, EI Compendex, KCI, DBLP, EBSCO, Google, and Google scholar and are also selected as the Journal for Accreditation by the National Research Foundation of Korea.
It is printed on acid-free paper.

Copyright © 2026 KIPS. All right reserved.

kips Korea Information Processing Society