PERSONAL DATA

Name : YOSSAWEE KEAOMANEE
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PUBLICATIONS SUMMARY

3	4
International Journal	International. Proceedings

Total Publications: 7

EDUCATION

Ph.D. Degree	2021	Robotics and Automation, KMUTT
Master Degree	2009	Computer Engineering , PSU
Bachelor Degree	2005	Computer Engineering , PSU

RESEARCH INTERESTS

Digital Signal Processing

Image processing and applications

Intelligent Machines & Robotics

Sensors & IoT

RESEARCH PROJECTS

Power management unit
Image steganography

TEACHING

240-480 Principle of Robotics
241-380 Image Processing
240-381 Computer Control Systems
240-208 Digital System and Design
242-209 Basic Electronics
241-306 Signal and Systems
977-344 Robotics And Automation Systems
977-354 Control Of Mobile Robot

INTERNATIONAL JOURNAL ARTICLES

Yossawee Keaomanee, Apichat Heednacram, “Effects of Discrete Cosine Transform Arrangement Patterns on Full Size Image Steganography”, Songklanakarin Journal of Science and Technology (SJST), vol. 46, no. 2, pp. 159-168, March - April, 2024. https://sjst.psu.ac.th/issue.php?id=142 (ISSN 0125-3395, E-ISSN 2408-1779, Scopus-Q3, SJR 2022: 0.16)

https://sjst.psu.ac.th/issue.php?id=142

4/2024

Apichat Heednacram, Yossawee Keaomanee, “Four Enhanced Algorithms for Full Size Image Hiding in Chest X-ray Images”, Multimedia Tools and Applications, February, 2024. https://doi.org/10.1007/s11042-024-18226-8 (ISSN 1380-7501, E-ISSN 1573-7721, Scopus-Q1, SCIE, Impact Factor 2022: 3.6)

2/2024 *Media Technology*

Yossawee Keaomanee, Apichat Heednacram, Prakarnkiat Youngkong, Implementation of four kriging models for depth inpainting,
ICT Express, Volume 6, Issue 3, 2020, Pages 209-213,
ISSN 2405-9595, https://doi.org/10.1016/j.icte.2020.05.004.

https://www.sciencedirect.com/science/article/pii/S2405959520300783

9/2020 *Telecommunications*

INTERNATIONAL PROCEEDINGS

Apichat Heednacram, Yossawee Kaeomanee, Jarupong Plodtong, "Estimation of Major Seismic Activities in Thailand using Fourier Transform", *Proceedings of the* 21st *International Joint Conference on Computer Science and Software Engineering (JCSSE2024)*, no. 1571013496, pages 351-357, Phuket, Thailand, June 19 – 22, 2024. (IEEE Xplore Digital Library, https://doi.org/10.1109/JCSSE61278.2024.10613694, SCOPUS Indexing)

6/2024

Keaomanee, Y.; Kliangsuwan, T.; Kanjanasit, K. A Study of Lightweight Dynamic Algorithm of Power Management System for Small Satellite Applications, in Proceedings of the Innovation Aviation & Aerospace Industry - International Conference 2021, Chiang Mai, 28–30 June 2021, MDPI: Basel, Switzerland, doi:10.3390/IAAI-2021-10592

https://sciforum.net/manuscripts/10592/manuscript.pdf

5/2021 *Innovation Aviation and Aerospace Industry*

Y. Keaomanee and P. Youngkong, "RGB-D Depth Inpainting with Color Guide Inverse Distance Weight," *2019 4th International Conference on Information Technology (InCIT)*, Bangkok, Thailand, 2019, pp. 249-253, doi: 10.1109/INCIT.2019.8912139.

https://ieeexplore.ieee.org/xpl/conhome/8907346/proceeding

10/2019 INFORMATION TECHNOLOGY

Y. Keaomanee, P. Youngkong, W. Panpanytep, T. Maneewarn and S. Vongbunyong, "Kinect V2 Edge base Registration with RANSAC-ICP," *2018 IEEE 4th International Conference on Computer and Communications (ICCC)*, Chengdu, China, 2018, pp. 1611-1616, doi: 10.1109/CompComm.2018.8780922.

https://ieeexplore.ieee.org/abstract/document/8780922

12/2018 Computer and Communications

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