



PERSONAL DATA

Name : YOSSAWEE KEAOMANEE
Position :
Email :
Phone :

PUBLICATIONS SUMMARY

3

International Journal

4

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

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 Keaomane, 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 Keaomane, "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 Keaomane, 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 Kaeomane, 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

Keaomane, 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. Keaomane 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. Keaomane, 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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COLLEGE OF COMPUTING

Prince of Songkla University Phuket Campus

80 M.1 Vichitsongkram Road Kathu, Phuket 83120

Email: coc@phuket.psu.ac.th

Website: computing.psu.ac.th