



## PERSONAL DATA



Name : YOSSAWEE KEAOMANEE  
Position :  
Email :  
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## EDUCATION

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

## RESEARCH INTERESTS

*Intelligent Machines & Robotics*



*Sensors & IoT*



*Image processing and applications*



*Digital Signal Processing*



## RESEARCH PROJECTS

Power management unit

Image steganography

## TEACHING

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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

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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, "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)

 4/2024

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>.

 9/2020  *Telecommunications*

## INTERNATIONAL PROCEEDINGS

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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

 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.

📅 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.

📅 12/2018 📍 Computer and Communications

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