

# WORAWIT TEPSAN

**Contact:** International College of Digital Innovation (ICDI),  
Chiang Mai University, Chiang Mai, Thailand  
Tel: 084-364-4500, Email: worawit.tepsan@cmu.ac.th



**Profile:** Lecturer at Chiang Mai University. Research Interests in Data Analysis, Machine Learning, Artificial Intelligence, Digital Technology, and Applied Mathematics.

## PUBLICATIONS

- Blecher, D.P., Tepsan, W. Real Operator Algebras and Real Positive Maps. *Integr. Equ. Oper. Theory* **93**, 49 (2021). 2021  
<https://doi.org/10.1007/s00020-021-02665-1>

## ACADEMIC EXPERIENCES

- Attending a Training: Super AI Engineer Season 2 organized by Artificial Intelligence Association of Thailand (AIAT) 2022
- Co-Researcher: The study of growth poles of the Northern Economic Corridor Project, Thailand 2021  
(Grant from the Ministry of Higher Education, Science, Research and Innovation, Thailand)
- PhD Thesis: Real Operator Spaces, Real Operator Algebras and Real Jordan Operator Algebras 2020
- Master's degree Thesis: Triangular Mean-Value Functional Equation 2012
- Senior Research: Algorithms for Solving Periodic Pentadiagonal Linear System and Inverting Periodic Pentadiagonal Matrices 2010
- Mini Project: Algorithm for Finding Shortest path in Chiang Mai City 2008

## EMPLOYMENT

- Lecturer at International College of Digital Innovation, Chiang Mai University, Thailand Dec 2020 - Current
- Special Expert at International College of Digital Innovation, Chiang Mai University, Thailand Aug 2020 - Dec2020
- Teaching Assistance at University of Houston, TX, USA 2015- 2020
- Tutor (Self Employed) for secondary and high school students in Math, BKK, Thailand 2010- 2013
- Teaching assistance in Real Analysis (2010 term 1), Numerical Analysis (2010 term 2), and Calculus (2012 summer) at Chulalongkorn University, BKK, Thailand 2010, 2012

## EDUCATION

- University of Houston, Texas, USA 2015-2020  
PhD in Mathematics
- Ohio University, Ohio, USA (did not graduate) 2013-2015  
Studied for PhD in Mathematics but then moved to University of Houston
- Chulalongkorn University, Bangkok, Thailand 2010-2013  
Master of Science in Mathematics
- Chiang Mai University, Chiang Mai, Thailand 2006-2010  
Bachelor of Science in Mathematics (Minor in Computer Science)

## HONORS AND AWARDS

- Abroad fellowship from the Institute for the Promotion of Teaching Science and Technology Project (DPST), Ministry of Education, Thailand 2013-2018
- Scholarship from Development and Promotion of Science and Technology Talents Project (DPST), Ministry of Education, Thailand 2003-2013
- Scholarship from Junior Scientist Talent Project (JSTP), Thailand 2007

## SKILLS

- Computer Language Python