NATHAPON UDOMLERTSAKUL

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CAREER

Lecturer at the International College of Digital Innovation 2022 - present
Chiang Mai University

EDUCATION

Doctor of Philosophy Mathematics department, University of Missouri, Columbia 2017 - 2022
Dissertation - Partial connections and contact instantons on contact manifolds
Advisor: Prof. Shuguang Wang
GPA 3.91

Master of Science Mathematics department, Ohio University 2015 - 2016
GPA 3.83

Bachelor of Science Mathematics department, Chiang Mai University 2010 - 2014
Independent study: Fixed point theorems for multivalued mapping on metric space with graph
Advisor: Prof. Suthep Suantai
GPA 3.85

SKILLS

Mathematical skills	Differential geometry, Mathematical Analysis, Mathematical Proving, Cryptography
Programming Skills	Latex, Python(average)

SCHOLARSHIPS

- B.SC., Development and promotion of science and Technology Talent Project by the institute for the promotion of teaching science and technology of Thailand [Full scholarship, 2010-2014]

- M.S., Development and promotion of science and Technology Talent Project by the institute for the promotion of teaching science and technology of Thailand [Full scholarship, 2015-2017]

- Ph.D., Development and promotion of science and Technology Talent Project by the institute for the promotion of teaching science and technology of Thailand [Full scholarship, 2017-2022]

- University of Missouri, Mathematics department [Gauge Theory in Geometry and Topology summer school at MSRI (Virtual school 2021)]

EXPERIENCE

Calculus Tutor 2011
Calculus 1, calculus 2 volunteer tutor for freshmen at the faculty of science *Chiang Mai University*

Speaker and poster presentation at Science conference 2014
The proceeding of the 9th conference on science and technology for youths *Bitec Bangna, Thailand*

Staff in Maths room 2015
The 38th congress on science and technology of Thailand. *The Empress Chiang Mai Hotel*

Staff 2015
International Mathematical Olympiad. *Holiday Inn, Chiang Mai*

Co-writer 2018
Preparing exam questions for IPST Math book (teacher version).

PUBLICATIONS AND ARTICLES

- Udomlertsakul, N. and Suantai, S. (2016). Fixed point theorems for graph preserving multivalued mappings in complete metric spaces with graph. Interdisciplinary Research Review, 11(2), 8–12. https://ph02.tci-thaijo.org/index.php/jtir/article/view/59131

- Udomlertsakul, N and Wang, S. (2023). Contact Instantons and Partial Connections. Journal of Geometry and Physics, Volume 187, https://doi.org/10.1016/j.geomphys.2022.104747

- Udomlertsakul, N. (2016) Beating Taxman game. drive.google.com/file/d/1tON$_c yeDbXdxhL2P0tMq4_M YnCEQj7Yq/view?usp = sharing$

LEADERSHIP

- Head of Pingpong club at the faculty of science, Chiang Mai University (2011-2012)

- Vice president of Thai student association of University of Missouri (2021-2022)