Donlapark Ponnoprat

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Education

PhD, Mathematics

Thesis: Well-posedness and Modified Scattering for Derivative Nonlinear Schrödinger Equations

Advisor: Ioan Bejenaru

University of California, San Diego (2013–2018)

BS, Mathematics and Economics

Brown University (2009–2013)

Employment

Lecturer (equivalent to Assistant Professor in the US)
- Department of Statistics, Chiang Mai University, Thailand (2018–present)
- Currently advising one PhD student and two Masters students

Selected Publication

To be published

1. Donlapark Ponnoprat, Ryo Okano, Masaaki Imaizumi
   Uniform Confidence Bands for Optimal Transport Map on One-Dimensional Data
   Electronic Journal of Statistics (2024)

Journal Articles

1. Donlapark Ponnoprat
   Universal Consistency of Wasserstein k-NN Classifier: a Negative and Some Positive Results
   Information and Inference: A Journal of the IMA (2023)

2. Donlapark Ponnoprat
   Dirichlet Mechanism for Differentially Private KL Divergence Minimization
   Transactions on Machine Learning Research (2023)

3. Donlapark Ponnoprat
   Short-term Daily Precipitation Forecasting with Seasonally-integrated Autoencoder
   Applied Soft Computing (2022)

4. Donlapark Ponnoprat, Papangkorn Inkeaw, Jeerayut Chaijaruwanich, Patrinee Traisathit, Patumrat Sripan, Nakarin Inmutto, Wittanee Na Chiangmai, Donsuk Pongnikorn, Imjai Chitapanarux
   Classification of Hepatocellular Carcinoma and Intrahepatic Cholangiocarcinoma Based on Multi-phase CT Scans
   Medical & Biological Engineering & Computing (2021)

5. Donlapark Ponnoprat
   Small Data Well-posedness for Derivative Nonlinear Schrödinger Equations
   Journal of Differential Equations (2018)

Professional Services

Program Committee: Masters Program in Applied Statistics, Chiang Mai University (2021–present)
Program Committee: Doctoral Program in Applied Statistics, Chiang Mai University (2021–present)
Reviewer: **NeurIPS** 2022, 2023; **ICML** 2022 (Outstanding Reviewer); **ICLR** 2022, 2023; **AISTATS** 2022, 2023.