

1 of 3

Gradient Diversity Regularization

SL, Hoki Kim, Jaewook Lee

Under review, [arxiv]

[2] Sliced Wasserstein Adversarial Training for Improving Adversarial Robustness

Woojin Lee, SL, Hoki Kim, Jaewook Lee

Under review

[1] Variational Cycle-consistent Imputation Adversarial Networks for General Missing Patterns

Woojin Lee, SL, Junyoung Byun, Hoki Kim, Jaewook Lee

Under review

PATENTS

- [1] **Learning Method, Apparatus, Computer Readable Recording Medium for Imputating Missing Data and Electronic Device using the Method.**
Patent applied (1020200146311, Nov. 04, 2020)

TALKS & PRESENTATIONS

AI center seminar, KIAS

Lipschitz-Certifiable Training with a Tight Outer Bound Sep. 15, 2021

CSE Special Seminar & Program, Sungshin Women's University

AI and Security Jul. 21, 2021

NeurIPS 2020 Social ML in Korea

Lipschitz-Certifiable Training with a Tight Outer Bound Dec. 10, 2020

Special Lecture, Dongguk University

Machine Learning with Python Feb. 2018

PROGRAMS ATTENDED

Geometry and Learning from Data Tutorials, part of the long program *Geometry and Learning from Data in 3D and Beyond*, Institute for Pure and Applied Mathematics (IPAM) UCLA Mar. 12-15, 2019

TEACHING EXPERIENCE

Teaching Assistant:

Seoul National University

Calculus for Life Science Spring 21

Calculus for Life Science Fall 20

Mathematics: The Basics and Applications Spring 20

Mathematics in Civilization Fall 19

Linear Algebra Spring 19

Differential and Integral Calculus Spring 19

Introduction to Numerical Analysis Fall 18

Mathematics in Civilization Fall 18

Mathematics in Civilization Spring 18

Calculus Spring 18

Introduction to Mathematical Analysis Fall 17

Honor Calculus and Practice Fall 17

Honor Calculus and Practice Spring 17

Calculus Fall 16

Academic Tutor:

SNU-HKUST Summer Research Program in Industrial and Applied Mathematics (SPIA) 2019 Jun.-Aug. 2019

PROJECTS	Manufacturing Technology Center, Samsung Electronics	2018
HONORS & AWARDS	BK21 Plus Research Scholarship , Seoul National University	2020
	Lecture & Research Scholarship , Seoul National University	2019-2020
	Scholarship for Next Generation of Researchers in Basic Fields , Seoul National University	2017-2019
	Outstanding TA Awards , Seoul National University	2018
	Outstanding TA Awards , Seoul National University	2017
	BK21 Plus Research Scholarship , Seoul National University	2016
	Merit Scholarship (Full-ride) , Seoul National University	2013
OTHERS	Compulsory Military Service, Korean Augmentation To the U.S. Army (KATUSA)	Oct. 2013 - Jul. 2015