Trung Nguyen

PERSONAL DETAILS

Website	https://trung6.github.io
Email	nguyenductrung.samihust@gmail.com

EDUCATION

Undergraduate　　　　　　　　　　　　　　　　　　　　　　　　　2015-2020

Hanoi University of Science and Technology, Hanoi, Vietnam

    Student at Talent Program in Mathematics and Informatics
    Degree Classification: Very good
    GPA: 3.53/4.00, Major GPA: 3.64/4.00

EXPERIENCES

Research Resident　　　　　　　　　　　　　　　　　　　　　　01/2020-present

VinAI Research, https://vinai.io/

- Research topics: 3D Point Clouds, Optimal Transport, Generative Models, Object Detection

PUBLICATIONS

Point-set Distances for Learning Representations of 3D Point Clouds　ICCV 2021

Trung Nguyen, Quang-Hieu Pham, Tam Le, Tung Pham, Nhat Ho, Binh-Son Hua

- We study the effects of different types of loss functions on learning representation for point clouds using auto-encoders.
- Link: https://arxiv.org/abs/2102.04014

Detecting Hands and Recognizing Physical Contact in the Wild　NeurIPS 2020

Supreeth Narasimhaswamy, Trung Nguyen, Minh Hoai

- We propose a large-scale dataset and a neural network module for recognizing the physical contact state of hands.
- Link: https://arxiv.org/abs/2010.09676

Single-Click 3D Object Annotation on LiDAR Point Clouds　NeurIPS workshop 2021

Trung Nguyen, Binh-Son Hua, Duc Thanh Nguyen, Dinh Phung

- We propose a method based on supervised learning for single-click 3D object annotation on LiDAR point clouds.

The convergence of the Regula Falsi method　Technical Report

Trung Nguyen

- We prove mathematically the convergence of the Regula Falsi method for continuous functions.
- Link: http://arxiv.org/abs/2109.03523

FELLOWSHIPS AND AWARDS

- "National Program for the Development of Mathematics" scholarship, Vietnam Ministry of Education and Training, semester 1, 2017.

- Second prize at Calculus, Vietnam National Mathematical Olympiad for Students, 2016.

SKILLS

Languages	Vietnamese (mother tongue), English (IELTS 7.0)
Software	LaTeX, HTML/CSS, Matlab, Python, C++, Git, Docker