



Zhang Zhenyu

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Dr. Zhang Zhenyu received his BSc in Civil Engineering from Tongji University, China in 2014 and MSc in Architecture and Civil Engineering from Tongji University in 2017.

Supervisor

Dr. Wei Hsi-Hsien

Area of Research

- Information technology applications in construction
- Structural engineering / Earthquake engineering
- Sustainable construction

Research Methodology

Computer vision is a science which uses statistical methods to detach visual data by using models constructed with the aid of Machine Learning theory. Automatic recognition of man-made structures images shows its wide usage in scene understanding, construction monitoring, surveillance, image indexing and retrieval, and building performance assessment. A novel method of rapid building seismic vulnerability assessment using image recognition technology is developed.

Publication List

1. Bai ZZ, **Zhang ZZ**. (2017), "Optimum Design and Structural Performance of Hybrid Composite Beam," *World Bridges* (under revision).

Hobbies

Basketball, Football, Swimming, Traveling, Climbing mountains

Updated in July 2017