Signal Processing Lab.
신호처리연구실

spl@UNIST studies nonstationary signal processing / machine learning in the application domains of image acquisition systems / image display systems / product quality inspection / plant & process automation.

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Curriculum Vitae

Samsung Electronics Co. Ltd.

Academic Credential

University of Wisconsin-Madison
Seoul National University

Awards/Honors/Memberships

관심분야
Nonstationary Signal Processing

희망분야
Product Quality Inspection, Plant & Process Automation

Research Keywords and Topics

Nonstationary Degradation Identification & Restoration
Design of Efficient Deep Neural Networks & Applications
Product Quality Inspection & Process Automation

Research Publications

Gwak, Moonsung and Seungjoon Yang, "Modeling Nonstationary Lens Blur Using Eigen Blur Kernels for Restoration." Optics Express (2020)

Cho, Hyunjoong, Jinhyeok Jang, Chanhyuk Lee, and Seungjoon Yang, "Efficient Architecture for Deep Neural Networks with Heterogeneous Sensitivity." Neural Networks (2020)

Jang, Jinhyeok, Hyunjoong Cho, Jaehong Kim, Jaeyeon Lee, and Seungjoon Yang. "Facial attribute recognition by recurrent learning with visual fixation." IEEE transactions on cybernetics (2018)