

Oral Presentation

[AIS1/INP2]Smart Society and Information Display

Chair: Katashi Nagao (Nagoya University)

Co-Chair: Toshiaki Fujii (Nagoya University)

Wed. Nov 27, 2019 3:20 PM - 4:35 PM Room 206 (2F)

4:10 PM - 4:35 PM

[AIS1/INP2-3(Invited)]Vibrotactile Signal Generation with GAN

*Shotaro Agatsuma¹, Shin Takahashi¹, Satoshi Saga² (1. University of Tsukuba (Japan), 2. Kumamoto University (Japan))

Keywords:Vibrotactile information, Acceleration, GAN

To create valuable content for haptic display, we propose a method of generating alternative data from acquired one instead of collecting a great number of data from real textures. We made a data generation model based on Generative Adversarial Network and held experiments to evaluate the performance of the model.