

Oral Presentation

[VHF1]Image Quality and Measurements

Chair: Kenichiro Masaoka (NHK)

Co-Chair: Keita Hirai (Chiba Univ.)

Wed. Nov 27, 2019 1:40 PM - 3:10 PM Mid-sized Hall A (1F)

1:45 PM - 2:05 PM

[VHF1-1]A Fundamental Evaluation of Visual Resolution of Displays Considering Different Sub-Pixel Structures

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Keywords: Display resolution, Visual experiment, Sub-pixel

We conducted a psychometric evaluation of different display sub-pixel structures. Our assessments of the RGB sub-pixel structure showed that the vertical visual resolution was higher than the horizontal visual resolution. In addition, the visual resolution itself differed according to the sub-pixel structures.