

Poster Presentation

[VHFp1]Image Quality

Thu. Nov 28, 2019 2:30 PM - 5:00 PM Main Hall (1F)

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[VHFp1-2]Perceptual artifacts on the Liquid Crystal Displays with a Mini-LED Backlight

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Keywords:Artifacts, mini-LED backlight, local dimming, perception, human factor

The halo artifacts on the liquid crystal displays with a mini-LED backlight needs to be reduced to an invisible level to achieve a better high dynamic range display system. The evaluation model and visibility threshold of the artifacts are established and investigated respectively through systematic perception experiments.