

Poster Presentation

[VHFp5/3DSAp3]Human Factors

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

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[VHFp5/3DSAp3-3L]Development of one-dimensional integral photography

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Keywords:one-dimensional integral photography, multi-view stereoscopic image, depth perception

A one - dimensional integral photograph showing only horizontal parallax was developed. And, it was possible not only to display the object arranged in the computer by one-dimensional integral photography, but also to capture and display the real object. In addition, evaluation of depth perception and measurement of accommodation response were performed using a prototype one-dimensional integral photograph.