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Poster Presentation

## [3Dp1/3DSAp1]3D and Hyper-realistic Displays and Applications 1

Thu. Nov 28, 2019 10:40 AM - 1:10 PM Main Hall (1F)

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10:40 AM - 1:10 PM

### [3Dp1/3DSAp1-19]Resolution Evaluation of a Simplified Super Multi-View Head-Mounted Display

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Keywords:Head-mounted display, Super multi-view display, Resolution Evaluation, Visual fatigue, Vergence-accommodation conflict

We have proposed the simplification technique of the super multi-view head-mounted display to reduce the system and computation costs. This study provided a resolution evaluation of the prototype system. The resolution was higher than 14.3 pixels/degree when the eyes' focus was at 380-530 mm and 700-1,200 mm.