Novel View Generation from Multiple Omni-directional Videos

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Experiment

Novel view generation from live videos



Environment of Experiment

- Corresponding points among input images have been given manually in advance.
- Regions for estimating visual hull are limited to user's view.





Summary

- Proposed method can generate a novel view image of a dynamic scene integrating morphing and visual hull.
 The prototype system has successfully generated novel view images from live videos.
- Future works
 - Improvement of generated image quality
 - Constructing a networked system for many users