

Fast Projection System

Enable contents to stick on moving objects



Overview

Recently, projectors are widely used to various applications such as projection mapping, exhibition, games etc.

However, still physical setup of projectors and screens are one major factor which limits projector application.

This invention enables projected contents to precisely stick on screen or object even if screen and/or projector itself is moving in high speed.

This invention is expected to be adopted to various applications with projectors.

Related Works

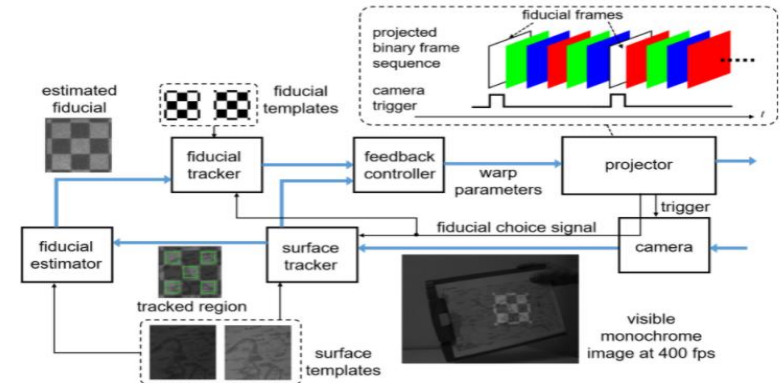
- Shingo Kagami and Koichi Hashimoto, Animated Stickies: Fast Video Projection Mapping onto a Markerless Plane through a Direct Closed-Loop Alignment, IEEE Trans. Vis. Comput. Graph., 2019. (ISMAR2019)
- Shingo Kagami and Koichi Hashimoto, Interactive Stickies: Low-Latency Projection Mapping for Dynamic Interaction with Projected Images on a Movable Surface, 47th ACM SIGGRAPH International Conference and Exhibition on Computer Graphics and Interactive Techniques (SIGGRAPH 2020 Emerging Technologies), Virtual Event, U.S.A., August 17, 2020.

IP Data

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Features・Outstandings

Visit our demo video ([VIDEO1](#) / [VIDEO2](#))



Product Application

- Projection Mapping
- Mobile/Handy Projector
- Projection from moving objects(vehicle, drones AGV etc.)

Contact