Master Thesis Presentation

Comparison of Disparity Algorithms for Stereoscopic Videos

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Table of contents

Motivation

- Kinect
- Sunlight
- not good, medical surgery, 3DTV

Foundations

- bit of epipolar geometry

Constraints

- constraints

Classification

- local and global ones

Taxonomy

- explain basics

Matching cost

- SAD

Simple block-matching

- example

Implementation

Overview

- explain what was implemented and why

Spatiotemporal stereo matcher

- explain what was implemented and why

- explain what was implemented and why

Masking modes

- explain what was implemented and why

Image diminisher

- explain what was implemented and why

Web viewer

- explain what was implemented and why

Demo

Evaluation

- sketch measurement

Datasets

- datasets (shortly)

Metrics

- what was evaluated

Results

- results

Conclusion

Contributions

- conclusion

Outlook

- short future outlook

- short future outlook

Questions?