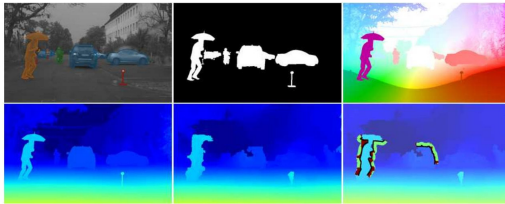


The HCI Benchmark Suite: Stereo And Flow Ground Truth With Uncertainties for Urban Autonomous Driving

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- ▶ Stereo and optical flow dataset to complement existing benchmarks
- ▶ Representative for urban autonomous driving, including realistic systematically varied radiometric and geometric challenges
- ▶ Evaluation of the ground truth accuracy with Monte Carlo simulations
- ▶ Interquartile ranges are used as uncertainty measure
- ▶ Binary masks for dynamically moving regions are supplied with estimated stereo and flow
- ▶ Initial benchmark consists of 55 manually selected sequences between 19 and 100 frames
- ▶ Interactive tools for database search, visualization, comparison and benchmarking