

Image Matching for Dynamic Scenes

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IMPLEMENTATION

C++ library for structure-from-motion systems designed to be fast, reliable and easy to extend.

EXPERIMENTS

The proposed image matching approach was compared with sequential application of well known and widely used RANSAC on 6 image pairs. The results were always better or comparable to RANSAC.

FEATURE MATCHING

An image pair where RANSAC estimating fundamental matrices was not capable of separating matches of the background and those of the car whereas our method correctly detected two groups.



Sequential RANSAC



Ours