Author: Demmel

List of Publications

Journal Articles

[J1] V. Usenko, N. Demmel, D. Schubert, J. Stueckler and D. Cremers,
Visual-Inertial Mapping with Non-Linear Factor Recovery,

Conference and Workshop Papers

[C1] D. Schubert, N. Demmel, L. von Stumberg, V. Usenko and D. Cremers,
Rolling-Shutter Modelling for Visual-Inertial Odometry,
November 2019.

[C2] C. Sommer, V. Usenko, D. Schubert, N. Demmel and D. Cremers,
Efficient Derivative Computation for Cumulative B-Splines on Lie Groups,

The TUM VI Benchmark for Evaluating Visual-Inertial Odometry,
October 2018.

[C4] X. Gao, R. Wang, N. Demmel and D. Cremers,
LDSO: Direct Sparse Odometry with Loop Closure,
*iros*, October 2018.

[C5] D. Schubert, N. Demmel, V. Usenko, J. Stueckler and D. Cremers,
Direct Sparse Odometry With Rolling Shutter,
September 2018, Oral Presentation.

[C6] V. Usenko, N. Demmel and D. Cremers,
The Double Sphere Camera Model,

[C7] J. Diebold, N. Demmel, C. Hazirbas, M. Möller and D. Cremers,
Interactive Multi-label Segmentation of RGB-D Images,
2015.

[C8] Mösenlechner, Lorenz, Demmel, Nikolaus, Beetz and Michael,
Becoming action-aware through reasoning about logged plan execution traces,