Journal Articles

Cloud-based collaborative 3D mapping in real-time with low-cost robots,

Conference and Workshop Papers

[C1] V. Usenko, N. Demmel, D. Schubert, J. Stueckler and D. Cremers,
Visual-Inertial Mapping with Non-Linear Factor Recovery,

[C2] L. von Stumberg, V. Usenko and D. Cremers,
Direct Sparse Visual-Inertial Odometry using Dynamic Marginalization,
May 2018.

The TUM VI Benchmark for Evaluating Visual-Inertial Odometry,
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[C4] D. Schubert, N. Demmel, V. Usenko, J. Stueckler and D. Cremers,
Direct Sparse Odometry With Rolling Shutter,
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[C5] V. Usenko, N. Demmel and D. Cremers,
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[C8] V. Usenko, J. Engel, J. Stueckler and D. Cremers,
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[C9] J. Engel, V. Usenko and D. Cremers,
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[C10] V. Usenko, J. Engel, J. Stueckler and D. Cremers,
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