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[J1] Haefner, B., Ye, Z., Gao, M., Wu, T., Queau, Y., Cremers and D.,
Variational Uncalibrated Photometric Stereo under General Lighting,

[J2] M. Moeller, T. Möllenhoff and D. Cremers,
Controlling Neural Networks via Energy Dissipation,

[J3] F. Pasa, V. Golkov, F. Pfeiffer, D. Cremers and D. Pfeiffer,
Efficient Deep Network Architectures for Fast Chest X-Ray Tuberculosis
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[C1] P. Swazinna, V. Golkov, I. Lipp, E. Sgarlata, V. Tomassini, D. K. Jones and D. Cremers,
Negative-Unlabeled Learning for Diffusion MRI,
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[C2] T. Möllenhoff and D. Cremers,
Lifting Vectorial Variational Problems: A Natural Formulation based on Geo-
metric Measure Theory and Discrete Exterior Calculus,
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[C3] V. Usenko, N. Demmel, D. Schubert, J. Stueckler and D. Cremers,
Visual-Inertial Mapping with Non-Linear Factor Recovery,

[C4] R. Wang, N. Yang, J. Stueckler and D. Cremers,
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[J1] J. Engel, V. Koltun and D. Cremers,
Direct Sparse Odometry,
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[J2] N. Yang, R. Wang, X. Gao and D. Cremers,
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[J3] Queau, Y., Durix, B., Wu, T., Cremers, D., Lauze, F., Durou and J.-D.,
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[J4] P. Bergmann, R. Wang and D. Cremers,
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[J5] E. Aljalbout, V. Golkov, Y. Siddiqui and D. Cremers,
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q-Space Novelty Detection with Variational Autoencoders,

[J7] L. Ma,, J. Stueckler, T. Wu and D. Cremers,
Detailed Dense Inference with Convolutional Neural Networks via Discrete Wavelet Transform,
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[J8] Tjaden, Henning, Schwanecke, Ulrich, Schömer, Elmar, Cremers and Daniel,
A Region-based Gauss-Newton Approach to Real-Time Monocular Multiple Object Tracking,

[J9] Haefner, B., Peng, S., Verma, A., Queau, Y., Cremers and D.,
Photometric Depth Super-Resolution,

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[C1] Caner Hazirbas, Sebastian Georg Soyer, Maximilian Christian Staab, Laura Leal-Taixe and Daniel Cremers,
Deep Depth From Focus,
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[C2] E. Laude, T. Wu and D. Cremers,
A Nonconvex Proximal Splitting Algorithm under Moreau-Yosida Regularization,
*International Conference on Artificial Intelligence and Statistics (AISTATS)*, 2018.

[C3] T. Möllenhoff, Z. Ye, T. Wu and D. Cremers,
Combinatorial Preconditioners for Proximal Algorithms on Graphs,
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[C6] B. T. Do, V. Golkov, G. E. Gürel and D. Cremers, 
Precursor microRNA Identification Using Deep Convolutional Neural Networks, 
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[C7] P. Haeusser, J. Plapp, V. Golkov, E. Aljalbout and D. Cremers, 
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Proc. of the German Conference on Pattern Recognition (GCPR), October 2018.

[C8] Nikolaus Mayer, Eddy Ilg, Philipp Fischer, Caner Hazirbas, Daniel Cremers, Alexey Dosovitskiy and Thomas Brox, 
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September 2018.

[C9] T. Frerix, T. Möllenhoff, M. Moeller and D. Cremers, 
Proximal Backpropagation, 

[C10] L. von Stumberg, V. Usenko and D. Cremers, 
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The TUM VI Benchmark for Evaluating Visual-Inertial Odometry, 
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[C12] X. Gao, R. Wang, N. Demmel and D. Cremers, 
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[C13] M. Eisenberger, Z. Lähner and D. Cremers, 
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[C14] Z. Lähner, D. Cremers and T. Tung, 
DeepWrinkles: Accurate and Realistic Clothing Modeling, 
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[C15] D. Schubert, N. Demmel, V. Usenko, J. Stueckler and D. Cremers, 
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[C16] V. Usenko, N. Demmel and D. Cremers, 
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[C17] I. Chiotellis, F. Zimmermann, D. Cremers and R. Triebel, 
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[C18] P. Wenzel, Q. Khan, D. Cremers and L. Leal-Taixe, 
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[C6] Florian Walch, Caner Hazirbas, Laura Leal-Taixe, Torsten Sattler, Sebastian Hilsenbeck and Daniel Cremers,

*Establishment of an interdisciplinary workflow of machine learning-based Radiomics in sarcoma patients*,

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[C9] P. Haeusser, A. Mordvintsev and D. Cremers,
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*Real-Time Trajectory Replanning for MAVs using Uniform B-splines and a 3D Circular Buffer*,
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[C11] Tim Meinhardt, Michael Moeller, Caner Hazirbas and Daniel Cremers,
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[C13] Queau, Y., Melou, J., Durou, J.-D., Cremers and D.,
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[C14] P. Haeusser, T. Frerix, A. Mordvintsev and D. Cremers,
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[C16] Maier, R., Kim, K., Cremers, D., Kautz and J.,
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[C18] Queau, Y., Melou, J., Castan, F., Cremers, D., Durou and J.-D.,  
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[C19] F. Bernard, F. R. Schmidt, J. Thunberg and D. Cremers,  
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[C20] Peng, S., Haefner, B., Queau, Y., Cremers and D.,  
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[J1] L. Cosmo, E. Rodola, A. Albarelli, F. Memoli and D. Cremers,  
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Anisotropic Diffusion Descriptors,  

[J3] V. Golkov, A. Dosovitskiy, J. I. Sperl, M. I. Menzel, M. Czisch, P. Sämann, T. Brox and D. Cremers,  
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[J4] O. Litany, E. Rodola, A. M. Bronstein, M. M. Bronstein and D. Cremers,  
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[C3] V. Golkov, M. J. Skwark, A. Golkov, A. Dosovitskiy, T. Brox, J. Meiler and D. Cremers, 
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[C4] Z. Lähner, E. Rodola, F. R. Schmidt, M. M. Bronstein and D. Cremers, 
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A Convex Solution to Spatially-Regularized Correspondence Problems, 
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[C14] S. Sharifzadeh, I. Chiotellis, R. Triebel and D. Cremers,  
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[J2] J. Diebold, S. Tari and D. Cremers,  
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[C14] D. Caruso, J. Engel and D. Cremers,  
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[C15] Y. Tao, R. Triebel and D. Cremers,  
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[C20] M. Souiai, M. R. Oswald, Y. Kee, J. Kim, M. Pollefeys and D. Cremers,  
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