Keywords: Convex-relaxation

List of Publications

Journal Articles

[J1] B. Goldluecke, M. Aubry, K. Kolev and D. Cremers,
A Super-resolution Framework for High-Accuracy Multiview Reconstruction,

[J2] E. Strekalovskiy, A. Chambolle and D. Cremers,
Convex Relaxation of Vectorial Problems with Coupled Regularization,

[J3] C. Nieuwenhuis and D. Cremers,
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[J4] C. Nieuwenhuis, E. Toeppe and D. Cremers,
A Survey and Comparison of Discrete and Continuous Multi-label Optimization Approaches for the Potts Model,

[J5] B. Goldluecke, E. Strekalovskiy and D. Cremers,
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[J6] A. Chambolle, D. Cremers and T. Pock,
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[J7] D. Cremers,
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[J8] B. Goldluecke, E. Strekalovskiy and D. Cremers,
The Natural Total Variation Which Arises from Geometric Measure Theory,

[J9] K. Kolev, T. Brox and D. Cremers,
Fast Joint Estimation of Silhouettes and Dense 3D Geometry from Multiple Images,

[J10] D. Cremers and E. Strekalovskiy,
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[J11] D. Cremers and K. Kolev,
Multiview Stereo and Silhouette Consistency via Convex Functionals over Convex Domains,

[J12] T. Pock, D. Cremers, H. Bischof and A. Chambolle,
Global Solutions of Variational Models with Convex Regularization,
Keywords: Convex-relaxation

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[J13] K. Kolev, M. Klodt, T. Brox and D. Cremers,
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[J14] J. Keuchel, C. Schnörr, C. Schellewald and D. Cremers,
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programming,

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[BC1] M. Klodt, F. Steinbruecker and D. Cremers,
Moment Constraints in Convex Optimization for Segmentation and Tracking,

[BC2] D. Cremers, T. Pock, K. Kolev and A. Chambolle,
Convex Relaxation Techniques for Segmentation, Stereo and Multiview Re-
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[C1] T. Möllenhoff and D. Cremers,
Sublabel-Accurate Discretization of Nonconvex Free-Discontinuity Problems,

[C2] T. Möllenhoff, E. Laude, M. Moeller, J. Lellmann and D. Cremers,
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*IEEE Conference on Computer Vision and Pattern Recognition (CVPR)*, 2016. Oral Pre-
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[C5] M. R. Oswald and D. Cremers,
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[C7] M. R. Oswald, J. Stühmer and D. Cremers,
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Keywords: Convex-relaxation

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Keywords: Convex-relaxation

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A Convex Relaxation Approach for Computing Minimal Partitions,

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An Algorithm for Minimizing the Piecewise Smooth Mumford-Shah Functional,

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A Convex Formulation of Continuous Multi-Label Problems,

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Unsupervised Image Partitioning with Semidefinite Programmifng,

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PhDThesis
Keywords: Convex-relaxation  List of Publications

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Convexity in Image-Based 3D Surface Reconstruction,
Department of Computer Science, Technical University Munich, Germany, January 2012.

Technical Reports

[R1] M. Souiai, E. Strekalovskiy, C. Nieuwenhuis and D. Cremers,
Label Configuration Priors for Continuous Multi-Label Optimization,

[R2] A. Chambolle, D. Cremers and T. Pock,
A Convex Approach for Computing Minimal Partitions,