Journal Articles


Book Chapters


Conference and Workshop Papers


Keywords: Optical-flow

List of Publications

[C13] B. Berkels, C. Nieuwenhuis, C. Garbe and M. Rumpf,
Reconstructing Optical Flow Fields by Motion Inpainting,

[C14] F. Steinbruecker, T. Pock and D. Cremers,
Advanced Data Terms for Variational Optic Flow Estimation,
Braunschweig, Germany, 2009.

Efficient Dense Scene Flow from Sparse or Dense Stereo Data,
Marseille, France, October 2008.

[C16] A. Wedel, T. Pock, J. Braun, U. Franke and D. Cremers,
Duality TV-L1 Flow with Fundamental Matrix Prior,

[C17] A. Wedel, T. Pock, C. Zach, D. Cremers and H. Bischof,
An Improved Algorithm for TV-L1 Optical Flow,

[C18] T. Brox, A. Bruhn and J. Weickert,
Variational motion segmentation with level sets,

[C19] T. Brox, A. Bruhn, N. Papenberg and J. Weickert,
High accuracy optical flow estimation based on a theory for warping,
Received 'The Longuet-Higgins Best Paper Award'.

[C20] D. Cremers and S. Soatto,
Variational space-time motion segmentation,

[C21] D. Cremers and A. L. Yuille,
A generative model based approach to motion segmentation,

[C22] T. Brox and J. Weickert,
Nonlinear matrix diffusion for optic flow estimation,

[C23] D. Cremers and C. Schnörr,
Statistical shape knowledge in variational motion segmentation,
A. Pece, Y. N. Wu and R. Larsen(Eds.), 1st Internat. Workshop on Generative-Model-Based Vision, Copenhagen, Univ. of Copenhagen, June 2 2002.

PhDThesis

[PhD1] C. Nieuwenhuis,
Restoration and Postprocessing of Optical Flows,
Faculty of Mathematics and Computer Science, Heidelberg University, Germany, July 2009.