- [6] W. Yu, T. Chen, F. Franchetti, and J. C. Hoe, "High performance stern vision designed for massively data parallel platforms," Circuits and Systems for Video Technology, IEEE Transactions on, vol. 20, pp. 1509 –1519, November 2010.
- [7] S. Mattoccia, M. Viti, and F. Ries, "Near real-time fast bilateral stereo on the GPU," in *Computer Vision and Pattern Recognition Workshops* (CVPRW), 2011 IEEE Computer Society Conference on, pp. 136–143, June 2011.
- [8] K. Zhang, J. Lu, Q. Yang, G. Lafruit, R. Lauwereins, and L. Van Gool, "Real-time and accurate stereo: A scalable approach with bitwise fast voting on CUDA," Circuits and Systems for Video Technology, IEEE Transactions on, vol. 21, pp. 867 –878, July 2011.
- [9] C. Rhemann, A. Hosni, M. Bleyer, C. Rother, and M. Gelautz, "Fast cost-volume filtering for visual correspondence and beyond," in *Computer Vision and Pattern Recognition (CVPR)*, 2011 IEEE Conference on, pp. 3017 –3024, June 2011.
- [10] A. Hosni, C. Rhemann, M. Bleyer, and M. Gelautz, "Temporally consistent disparity and optical flow via efficient spatio-temporal filtering," in *Advances in Image and Video Technology* (Y.-S. Ho, ed.), vol. 7087 of *Lecture Notes in Computer Science*, pp. 165–177, Springer Berlin Heidelberg, 2012.
- [11] C. Tomasi and R. Manduchi, "Bilateral filtering for gray and color images," in *Computer Vision*, 1998. Sixth International Conference on, pp. 839 –846, jan 1998.
- [12] K. He, J. Sun, and X. Tang, "Guided image filtering," in Computer Vision – ECCV 2010, vol. 6311 of Lecture Notes in Computer Science, pp. 1–14, Springer Berlin / Heidelberg, 2010.
- [13] L. Zhang, B. Curless, and S. M. Seitz, "Spacetime stereo: Shape recovery for dynamic scenes," in *IEEE Computer Society Conference* on Computer Vision and Pattern Recognition, pp. 367–374, June 2003.
- [14] J. Davis, D. Nehab, R. Ramamoorthi, and S. Rusinkiewicz, "Spacetime stereo: a unifying framework for depth from triangulation," *Pattern Analysis and Machine Intelligence, IEEE Transactions on*, vol. 27, pp. 296 –302, February 2005.
- [15] E. Larsen, P. Mordohai, M. Pollefeys, and H. Fuchs, "Temporally consistent reconstruction from multiple video streams using enhanced belief propagation," in *Computer Vision*, 2007. ICCV 2007. IEEE 11th International Conference on, pp. 1 –8, oct. 2007.
- [16] M. Bleyer, M. Gelautz, C. Rother, and C. Rhemann, "A stereo approach that handles the matting problem via image warping," in *Computer Vision and Pattern Recognition*, 2009. CVPR 2009. IEEE Conference on, pp. 501 –508, June 2009.
- [17] M. Sizintsev and R. Wildes, "Spatiotemporal stereo via spatiotemporal quadric element (stequel) matching," in *Computer Vision and Pattern Recognition*, 2009. CVPR 2009. IEEE Conference on, pp. 493 –500, june 2009.
- [18] M. Sizintsev and R. Wildes, "Spatiotemporal stereo and scene flow via stequel matching," *Pattern Analysis and Machine Intelligence, IEEE Transactions on*, vol. 34, pp. 1206 –1219, june 2012.
- [19] C. Richardt, D. Orr, I. Davies, A. Criminisi, and N. A. Dodgson, "Real-time spatiotemporal stereo matching using the dual-cross-bilateral grid," in *Proceedings of the European Conference on Computer Vision* (ECCV), Lecture Notes in Computer Science, pp. 510–523, September 2010.
- [20] S. Paris and F. Durand, "A fast approximation of the bilateral filter using a signal processing approach," *Int. J. Comput. Vision*, vol. 81, pp. 24–52, Jan. 2009.
- [21] Q. Yang, L. Wang, R. Yang, S. Wang, M. Liao, and D. Nistér, "Real-time global stereo matching using hierarchical belief propagation.," in *British Machine Vision Conference*, pp. 989–998, 2006.