

Publications

Book Chapters

- Y. Pritch, M. Ben-Ezra, and S. Peleg, *Optics for OmniStereo Imaging*, in L.S. Davis (Editor), *Foundations of Image Understanding*, Kluwer Academic, pp. 447-467, 2001.
- S. Peleg, M. Ben-Ezra, and Y. Pritch, *Panoramic Imaging with Horizontal Stereo*, in *Panoramic Vision: Sensors, Theory, Applications*, Springer New York, pp. 143-160, 2001.

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- M. Ben-Ezra, A. Zomet, and S.K. Nayar, *Video Super-Resolution Using Controlled Subpixel Detector Shifts*, *IEEE Transactions on Pattern Analysis and Machine Intelligence (PAMI)*, Vol.27, No.6, pp.977-987, Jun, 2005.
- M. Ben-Ezra, and Shree K. Nayar, *Motion Based Motion Deblurring*, *IEEE Transactions on Pattern Analysis and Machine Intelligence (PAMI)*, Vol.26, No.6, pp.689-698, Jun, 2004.
- S. Peleg, M. Ben-Ezra, and Y. Pritch, *OmniStereo: Panoramic Stereo Imaging*, *IEEE Transactions on Pattern Analysis and Machine Intelligence (PAMI)*, Vol. 23, No. 3, pp. 279-290, March 2001.
- M. Ben-Ezra, M. Werman, and Bar-Yam, Y., *A Self-Stabilizing Robust Region Finder Applied to Color and Optical Flow Pictures*, *Image and Vision Computing*, Vol. 19 No. 7, pp. 427-433, May 2001.
- M. Ben-Ezra, S. Peleg, and M. Werman, *Real-Time Motion Analysis with Linear Programming*, *Computer Vision and Image Understanding (CVIU)*, Vol. 78, No. 1, pp. 32-52, Apr 2000.

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- M. Ben-Ezra, A. Zomet, and Shree K. Nayar, *Jitter Camera: High Resolution Video from Low Resolution Detector*, In Proc. *IEEE Computer Vision and Pattern Recognition (CVPR)*, Washington DC, II: 135-142, June 2004.
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- M. Ben-Ezra, *Segmentation with Invisible Keying Signal*, In Proc. *IEEE Computer Vision and Pattern Recognition (CVPR)*, Hilton Head Island, South Carolina, I:32-37, June 2000.
- S. Peleg, Y. Pritch, and M. Ben-Ezra, *Cameras for Stereo Panoramic Imaging*, In Proc. *IEEE Computer Vision and Pattern Recognition (CVPR)*, Hilton Head Island, South Carolina, I:208-214, June 2000.
- M. Ben-Ezra, S. Peleg, and M. Werman, *Model Based Pose Estimator Using Linear-Programming*, In Proc. *European Conference on Computer Vision (ECCV)*, Dublin, Ireland, I:267-281, June 2000.
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- Shmuel Peleg and Moshe Ben-Ezra, *Stereo Panorama with a Single Camera*, In Proc. *IEEE Computer Vision and Pattern Recognition (CVPR)*, Ft. Collins, Colorado, I:395-401, June 1999.

- D. Feitelson, M. Ben-Ezra, Y. Ben-Asher, I. Exman, L. Picherski, L. Rudolph, and D. Zernik, *Run-Time Support for Parallel Language Constructs in a Tightly Coupled Multiprocessor*, In Proc. of the Usenix Symposium on Experiences with Distributed and Multiprocessor Systems (USENIX), pp. 27-42, March 1992.

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- M. Ben-Ezra, A. Zomet, and S. K. Nayar, *Jitter Camera: a Superresolution Video Camera (Invited Paper)* In Proc. Society of Photo-Optical Instrumentation Engineers, Visual Communications and Image Processing 2006 (VCIP) San Jose, California, [4297-13], January 2007
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- Y. Pritch, M. Ben-Ezra, and S. Peleg, *Automatic Disparity Control in Stereo Panoramas (OmniStereo)*, In Workshop on Omnidirectional Vision, Hilton Head Island, South Carolina, p.54, June 2000.
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- M. Ben-Ezra, S. Peleg, and M. Werman, *Efficient Computation of the Most Probable Motion from Fuzzy Correspondences*, In IEEE Workshop on Applications of Commuter Vision (WACV), Princeton, New Jersey, pp. 22-27, Oct 1998.
- M. Ben-Ezra, S. Peleg, and M. Werman, *Robust, Robust Real-Time Motion Analysis*, In Image Understanding Workshop (DARPA-IUW), pp. 207-210, Nov 1998.
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Patents

- Shmuel Peleg, Ben-Ezra Moshe, and Yael Pritch (US Pat. 6,831,677), February 24th 2001
System and Method for Facilitating the Adjustment of Disparity in a Stereoscopic Panoramic Image Pair.
- Shmuel Peleg, Ben-Ezra Moshe, and Yael Pritch (US Pat. 6,795,109), November 29th 2000
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System and Method for Generating and Displaying Panoramic Images and Movies.
- Ben-Ezra Moshe and Shree K. Nayar (Pending), June 18th 2003
Systems and Methods for De-blurring Motion Blurred Images.
- Shmuel Peleg, Ben-Ezra Moshe, and Yael Pritch (Pending), April 19th 2001
System and Method for Capturing and Viewing Stereoscopic Panoramic Images.