

BAOZHONG TIAN

Education

- Ph. D, Computer Science, The University of Western Ontario (2006).
- Master, Computer Science, Lakehead University (2000).
- Master, Acoustics Science, Peking University (1996).
- Bachelor, Electronics & Information Engineering, Huazhong University of Science & Technology (1993).

Recent Publications

- B. Tian, J. L. Barron, Sound From Gramophone Record Groove Surface Orientation, Presented at *International Conference on Image Processing*, San Antonio, Texas, USA, September 16-19, 2007.
- B. Tian, J. L. Barron, Reproduction of Sound Signal from Gramophone Records using 3D Scene Reconstruction, *Irish Machine Vision and Image Processing Conference*, Dublin City University, Ireland, August 30 - September 1, 2006. pp. 84-91.
- B. Tian, J. L. Barron, A Quantitative Comparison of 4 Algorithms for Recovering Dense Accurate Depth, *2nd Canadian Conference on Computer and Robot Vision*, Victoria, BC, Canada, May 9-11, 2005. pp. 498-505.
- B. Tian, Depth Recovery Methods Using Optical Flow and Image Gradient, Abstract in *Proceedings of the University of Western Ontario Research Conference in Computer Science*, London, Ontario, Canada, March 2, 2004.
- B. Tian, J. L. Barron, W.K.J. Ngai and H. Spies. A comparison of 2 methods for recovering dense accurate depth using known 3D camera motion. In *Vision Interface*, Halifax, Canada, June 11-13, 2003. pp. 229-236.

Summary of Skills

- C/C++, Assembly Language, PERL, JAVA, JAVASCRIPT, PASCAL, FORTRAN
- Web Applications & Developments, database technologies
- Computer Network (Ethernet, Token-Ring, ATM)
- Digital Signal Processing Algorithms
- Electronics circuits design and trouble shooting
- Acoustics design and applications

Language Skills

- English
- Chinese (Mandarin)