

Hua Harry Li, Ph.D.

March 2015

Professional Expertise

Embedded Intelligent Systems, Neumlr.2825 67660Tf [(Int) 0.2 (e) 0.2 (l) 0.2 (l) 0.2 (i)03 0.2 (be) 2RTbeionr2s

- Present, Computer Engineering Department, San Jose State University, San Jose, California.
- 2. Associate Professor, 1997-1999, Computer Engineering Department, San Jose State University, San Jose, California.
- 3. Associate Professor and Tenure Promotion, 1994-1997, Computer Science Department, College of Engineering, Texas Tech University, Lubbock, Texas.
- 4. Assistant Professor, 1989-1994, Computer Science Department, College of Engineering, Texas Tech University, Lubbock, Texas.
- 5. Consulting: Principal Engineer in Charge of IP development in Computer Graphics
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(Cognitive Radio), MAC layer full software implementation on ASK, FSK, CCK RF ASIC nodes.

4. CMEP 262 Embedded Multimedia Hardware Systems, Developed and revised graduate level experimental course in 2008, and become permanent course in 2009, taught embedded Vector Graphics and Pixel Graphics Techniques, 3D Stereo Vision, Integration of Vision and Virtual Reality for Smart Phone and Portable Platforms.
5. EE264 Computed Digital Imaging (formally Digital Image Processing, for off campus program),

Applications over WLAN Environment” Proceedings of IEEE International Conference on Industrial Electronics, Corsica, France, IEEE 0-7803-

- ¥ Hua Li, "Fuzzy Logic for Semiconductor Manufacturing," in The Encyclopedia of Electrical and Electronics Engineering, the 1999 edition, ISBN 0-471-13946-7, Editor John Webster, John Wiley & Sons, Inc., Publishers, New York.
- ¥ Laszlo Moldova and Hua Li, "A Rail-to-Rail Constant Gain Buffered OpAmp for Real Time Video Applications," Vol. 32, No. 2, pp. 169-177, IEEE Journal of Solid-State Circuits, March, 1997.
- ¥ Hua Li and S. Sun, "Spatial-Temporal Prediction for High Speed Video Data Compression," A book chapter (Chapter 4) in *Video Compression for Multimedia Computing*, Kluwer Academic Publishers, ISBN 0-7923-9790-8, 1997.
- ¥ Hua Li and Shan Sun, "Solving Stochastic, Coupled Elliptical Differential Equations for Motion Prediction in Video Conferencing," A book chapter (Chapter 11) in *Video Compression for Multimedia Computing*, Kluwer Academic Publishers, ISBN 0-7923-9790-8, Kluwer Academic Publishers, 1997.
- ¥ Sukir S. Kumaresan and Hua Li, "Robotic Hand-

Devices, Vol. 10, No. 2, pp. 30-35, March 1994.

- ¥ Hua Li and Cheng-Jen Lin, "Detecting Dimple Defects of Polished Wafer Surface Based on Fuzzy Logics," IEEE Transactions on Industrial Applications, Vol. 30, No. 2, pp. 317-323, March/April 1994.
- ¥ Hua Li and Ching-Ho Chen, "A Neural-Type Network for Solving Minimal Energy Path in Real Time," IEEE Transactions on Circuits and Systems, Part I, Vol. 40, No. 2, CAS-I, pp. 111-123, Feb., 1993.
- ¥ Jun Wang and Hua Li, "Solving Simultaneous Linear Equations Based on a Recurrent Neural Network," International J. of Information Science, Vol. 76, No. 3/4, pp. 255-278, 1993, Elsevier Publishing Co., New York.