Dr. Jesmin Farzana Khan

Present Position

Associate Professor, Department of Electrical Engineering, Tuskegee University, Tuskegee, Alabama, USA. Researcher and Campus Director of Education and Diversity Program, NSF/DOE CURENT ERC (Center for Ultra-wide-area Resilient Electric Energy Transmission Networks)

Publications

Refereed Journal Papers

Published/Accepted
1. Jesmin Khan, Sharif Bhuiyan, Gregory Murphy and Johnathan Williams, Data Denoising and Compression for Smart Grid Communication, D F F H S W H G L Q in IEEE Transactions on Signal and Information Processing over Network
2. Jesmin Khan, Sharif Bhuiyan, Gregory Murphy and Morgan Arline, Embedded Zerotree Wavelet Based Data Denoising and Compression for Smart Grid, IEEE Transactions on Industry Applications, 06 April 2015
3. Jesmin Khan, Sharif Bhuiyan,

15. Sharif M. A. Bhuiyan, Reza R. Adhami, Jesmin F. Khan, ³) D V W   D Q G   D G D S W L Y H   E L G L P H Q V

Interpolators Proc. of Eighth IEEE International Conference on Machine Learning and Applications (ICMLA 2009), pp. 18 24, 2009, (Miami, Florida, USA, December 2009)

17. Jesmin F. Khan, Reza R. Adhami, Sharif M. A. Bhuiyan³, Edge segmentation based road sign detection, Proc. of IEEE SoutheastCon 2009, pp. 24 29, 2009, (Atlanta, Georgia, March 2009)

18. Sharif M. A. Bhuiyan, Reza R. Adhami, Jesmin F. Khan, Edge detection via a fast and adaptive bidimensional empirical mode decomposition, Proc. of 2008 IEEE International Workshop on Machine Learning for Signal Processing, pp. 199 204, 2008 (Cancun, Mexico October 2008).

19. Jesmin F. Khan, Reza R. Adhami, Sharif M. A. Bhuiyan, Kenneth E. Barner, ³Empirical mode decomposition based interest point detector, Proc. of 2008 IEEE International Conference on Acoustics, Speech and Signal processing (ICASSP), pp. 1317 1320, 2008, (Las Vegas, Nevada, USA, March April 2008).

20. Jesmin F. Khan, Reza R. Adhami, Sharif M. A. Bhuiyan, Image segmentation using penalized inverse exper, Proc. of 2008 IEEE International Conference on Acoustics, Speech and Signal processing (ICASSP), pp. 37 40, 2008, (Las Vegas, Nevada, USA, March April 2008).

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