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所有發表期刊論文

1. Y.-H. Chang and W.-S. Chan, "Adaptive Dynamic Surface Control for Uncertain Nonlinear Systems with Interval Type-2 Fuzzy Neural Networks," *IEEE Trans. on Cybernetics*, vol. 44, no. 2, pp.293-304, 2014.
2. Y.-H. Chang, C.-Y. Yang, W.-S. Chan, H.-W. Lin, and C.-W. Chang, "Adaptive Fuzzy Sliding-Mode Formation Controller Design for Multi-robot Dynamic Systems," *Int. Journal of Fuzzy Systems*, vol. 16, no. 1, pp.121-131, 2014.
- Y.-H. Chang, C.-L. Chen, W.-S. Chan, and H.-W. Lin, "Interval Type-2 Fuzzy Formation Control for Collision-Free Multi-Robot Systems," *Int. Journal of Fuzzy Systems*, vol. 15, no. 4, pp.435-451, 2013.
3. H.-W. Lin, W.-S. Chan, C.-W. Chang, C.-Y. Yang, and Y.-H. Chang, "Adaptive Neuro-Fuzzy Formation Control for Leader-Follower Mobile Robots," *Int. Journal of Fuzzy Systems*, vol. 15, no. 3, pp.347-358, 2013.
4. C.-H. Hsu, C.-Y. Lee, Y.-H. Chang, F.-J. Lin, C.-M. Fu, and J.-G. Lin, "Effect of Magnetostriction on the Core Loss, Noise, and Vibration of Fluxgate Sensor Composed of Amorphous Materials," *IEEE Trans. on Magnetics*, vol. 49, no. 7, pp.3862-3865, 2013.
5. Y.-H. Chang, C.-L. Chen, W.-S. Chan, H.-W. Lin, and C.-W. Chang, "Fuzzy Formation Control and Collision Avoidance for Multi-Agent Systems," *Mathematical Problems in Engineering*, vol. 2013, pp.1-18, <http://dx.doi.org/10.1155/2013/908180>, 2013.
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8. Y.-H. Chang, C.-I. Wu, H.-C. Chen, C.-W. Chang, and H.-W. Lin, "Fractional Order Integer Sliding-Mode Flux Observer for Direct Field-Oriented Induction Machines," *Int. J. Innovative Computing, Information and Control*, vol. 8, no. 7, 2012.
9. Y.-H. Chang, Y.-T. Chen, M.-H. Hung, and A. Y. Chang, "Development of an e-Operation Framework for SOPC-Based Reconfigurable Applications," *Int. J. Innovative Computing, Information and Control*, vol.8, no. 5(B), pp.3639-3660, 2012.
10. Y.-H. Chang, C.-W. Chang, C.-L. Chen, and C.-W. Tao, "Fuzzy Sliding-Mode

Formation Control for Multi-Robot Systems: Design and Implementation," IEEE Trans. on Systems, Man and Cybernetics-Part B, vol. 42, no. 2, pp.444-457, 2012.

11. C.-H. Hsu, Y.-H. Chang, C.-Y. Lee, C.-S. Yao, Y.-L. He, H.-L. Chu, C.-W. Chang, and W.-S. Chan, "Effects of Magnetomechanical Vibrations and Bending Stresses on Three-Phase Three-Leg Transformers with Amorphous Cores," Journal of Applied Physics, vol. 111, pp.07E730-1-3, 2012.