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Authors: R.J. Kuo, T.C. Lin, F.E. Zulvia, C.Y. Tsai

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### ACCEPTED MANUSCRIPT

## A Hybrid Metaheuristic and Kernel Intuitionistic Fuzzy c-means Algorithm for Cluster Analysis

R. J. Kuo<sup>1</sup>, T. C. Lin<sup>2</sup>, F. E. Zulvia<sup>3</sup> and C. Y. Tsai<sup>4</sup>

<sup>1</sup>Department of Industrial Management

National Taiwan University of Science and Technology

No. 43, Section 4, Kee-Lung Road, Taipei 10607, Taiwan

Fax: 886-2-27376344 Phone: 886-2-27376328 Email: rjkuo@mail.ntust.edu.tw

<sup>2</sup>Win Semiconductors

No. 35, Keji 7th Road, Hwaya Technology Park, Guishan District, Taoyuan City 33383, Taiwan

<sup>3</sup>Department of Logistics Engineering, Pertamina University

Teuku Nyak Arief Road, Simprug, Kebayoran Lama, Jakarta 12220

<sup>4</sup>Department of Industrial Engineering and Management, Yuan Ze University

No. 135, Yuan-Tung Road, Chungli, Taoyuan 32003, Taiwan

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