

# Adaptive Neural Network Control of a Self-balancing Two-wheeled Scooter

<sup>1,2</sup>Shui-Chun Lin, <sup>2</sup>Ching-Chih Tsai, and <sup>2</sup>Wen-Lung Luo

<sup>1</sup>Department of Electronic Engineering, National Chin-Yi University of Technology, Taichung, 41151, Taiwan, R. O. C.

<sup>2</sup>Department of Electrical Engineering, National Chung-Hsing University, Taichung, 40027, Taiwan, R. O. C.

email:cctsai@dragon.nchu.edu.tw

## Abstract.

- One page digest must be submitted in PDF. Top, bottom and side margins 8 mm (0.315 inch).
- Use Arial 20pt font in bold face for the title.
- Use Times New Roman 14pt font for the authors and their brief affiliations.
- Use Times New Roman 12pt font for the abstract.

