## **Accepted Manuscript**

A Software Cybernetics Approach to Self-Tuning Performance of On-Line Transaction Processing Systems

Zuohua Ding, Zhijie Wei, Haibo Chen

PII: S0164-1212(16)00083-2 DOI: 10.1016/j.jss.2016.03.012

Reference: JSS 9703

To appear in: The Journal of Systems & Software

Received date: 7 January 2015 Revised date: 15 February 2016 Accepted date: 4 March 2016



Please cite this article as: Zuohua Ding, Zhijie Wei, Haibo Chen, A Software Cybernetics Approach to Self-Tuning Performance of On-Line Transaction Processing Systems, *The Journal of Systems & Software* (2016), doi: 10.1016/j.jss.2016.03.012

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

#### ACCEPTED MANUSCRIPT

## Highlights

- We construct two layer fuzzy rules based on the collected data.
- We develop algorithms from software cybernetics view to reconfigure the performance control parameters.
- We show self-tuning performance for On-Line Transaction Processing.



### Download English Version:

# https://daneshyari.com/en/article/4956597

Download Persian Version:

https://daneshyari.com/article/4956597

**Daneshyari.com**