

# Retraction notice

## Abstract

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In 2013 the Editor of *Journal of Vibration and Control* and SAGE became aware of a peer review ring involving assumed and fabricated identities that appeared to centre around Peter Chen at National Pingtung University of Education, Taiwan (NPUE). SAGE and the Editor then began a complex investigation into the case during the rest of 2013 and 2014. Following an unsatisfactory response from Peter Chen, NPUE was notified.

NPUE were serious in addressing the Journal and SAGE's concerns. NPUE confirmed that the institution was investigating Peter Chen. SAGE subsequently uncovered a citation ring involving the above mentioned author and others.

We regret that individual authors have compromised the academic record by perverting the peer review process and apologise to readers. On uncovering problems with peer review and citation SAGE immediately put steps in place to avoid similar vulnerability of the Journal to exploitation in the future. More information may be found at [www.sagepub.co.uk/JVC\\_Statement\\_2014](http://www.sagepub.co.uk/JVC_Statement_2014).

The Journal and SAGE understand from NPUE that Peter Chen has resigned his post at NPUE.

The following articles are retracted because after thorough investigation evidence points towards them having at least one author or being reviewed by at least one reviewer who has been implicated in the peer review ring and/or citation ring. All authors have had an opportunity to respond to the allegations and proposed actions.

**OnlineFirst articles** (these articles will not be published in an issue)

1. **Chen CY**, Chen T-H, Chen Y-H, Yu S-E and Chung P-Y (2013) Information technology system modeling an integrated C-TAM-TPB model to the validation of ocean tidal analyses *Journal of Vibration and Control* Epub ahead of print 7 May 2013. doi: 10.1177/1077546312472924
2. Chang R-F, **Chen CY**, Su F-P and Lin H-C (2013) A two-step approach for broadband digital signal processing technique *Journal of Vibration and Control* Epub ahead of print 26 April 2013. doi: 10.1177/1077546312472925
3. Chen TH, Chang CJ, Yu SE, Chung PY and Liu C-K (2013) Nonlinear information analysis and system management technique: the influence of design experience and control complexity *Journal of Vibration and Control* Epub ahead of print 12 April 2013. doi: 10.1177/1077546312473321
4. **Chen CY**, Shih BY, Chen YH, Yu SE and Liu YC (2013) The exploration of a 3T flow model using vibrating NXT: II. Model validation *Journal of Vibration and Control* Epub ahead of print 10 April 2013. doi: 10.1177/1077546312470481
5. **Chen CY**, Shih BY, Chen YH, Yu SE and Liu YC (2013) The exploration of 3T flow model using vibrating NXT: I. model formulation *Journal of Vibration and Control* Epub ahead of print 6 February 2013. doi: 10.1177/1077546312467360
6. Lin M-L and **Chen C-W** (2013) Stability analysis of fuzzy-based NN modeling for ecosystems using fuzzy Lyapunov methods *Journal of Vibration and Control* Epub ahead of print 6 February 2013. doi: 10.1177/1077546312466687
7. **Chen CY**, Chen TH, Chen YH and Chiu J (2012) A multi-stage method for deterministic-statistical analysis: a mathematical case and measurement studies *Journal of Vibration and Control* Epub ahead of print 20 December 2012. doi: 10.1177/1077546312466579
8. Shih BY, Lin MC and **Chen CY** (2012) Autonomous navigation system for radiofrequency identification mobile robot e-book reader *Journal of Vibration and Control* Epub ahead of print 13 December 2012. doi: 10.1177/1077546312466578
9. Chang RF, **Chen CY**, Su FP, Lin HC and Lu C-K (2012) Multiphase SUMO robot based on an agile modeling-driven process for a small mobile robot *Journal of Vibration and Control* Epub ahead of print 13 December 2012. doi: 10.1177/1077546312464993

10. Shih B-Y, Lin Y-K, Cheng M-H, **Chen C-Y** and Chiu C-P (2012) The development of an application program interactive game-based information system *Journal of Vibration and Control* Epub ahead of print 12 December 2012. doi: 10.1177/1077546312464682
11. **Chen C-Y**, Chang C-J and Lin C-H (2012) On dynamic access control in web 2.0 and cloud interactive information hub: technologies *Journal of Vibration and Control* Epub ahead of print 12 December 2012. doi: 10.1177/1077546312464992
12. Shin BY, **Chen CY** and Hsu KH (2012) Robot cross platform system using innovative interactive theory and selection algorithms for Android application *Journal of Vibration and Control* Epub ahead of print 13 November 2012. doi: 10.1177/1077546312463757

#### Articles published in an issue

13. **Chen C-W** (2014) Applications of neural-network-based fuzzy logic control to a nonlinear time-delay chaotic system *Journal of Vibration and Control* 20 (4): 589-605. Epub ahead of print 5 November 2012. doi: 10.1177/1077546312461370
14. **Chen C-W** (2014) A review of intelligent algorithm approaches and neural-fuzzy stability criteria for time-delay tension leg platform systems *Journal of Vibration and Control* 20 (4): 561-575. Epub ahead of print 5 November 2012. doi: 10.1177/1077546312463759
15. **Chen C-Y**, Chang C-J and Lin C-H (2014) On dynamic access control in web 2.0 and cloud interactive information hub: trends and theories *Journal of Vibration and Control* 20 (4): 548-560. Epub ahead of print 5 November 2012. doi: 10.1177/1077546312463762
16. Lin M-L and **Chen C-W** (2014) Stability conditions for ecosystem modeling using the fuzzy Lyapunov method *Journal of Vibration and Control* 20 (2): 290-302. Epub ahead of print 23 October 2012. doi: 10.1177/1077546312451301
17. Chen C-H, Kuo C-M, Hsieh S-H and **Chen C-Y** (2014) Highly efficient very-large-scale integration (VLSI) implementation of probabilistic neural network image interpolator *Journal of Vibration and Control* 20 (2): 218-224. Epub ahead of print 22 October 2012. doi: 10.1177/1077546312458822
18. **Chen C-Y** (2014) Wave vibration and simulation in dissipative media described by irregular boundary surfaces: a mathematical formulation *Journal of Vibration and Control* 20 (2): 191-203. Epub ahead of print 22 October 2012. doi: 10.1177/1077546312464258
19. Chen C-H, Yao T-K, Dai J-H and **Chen C-Y** (2014) A pipelined multiprocessor system- on-a-chip (SoC) design methodology for streaming signal processing *Journal of Vibration and Control* 20 (2): 163-178. Epub ahead of print 16 October 2012. doi: 10.1177/1077546312458821
20. Lin M-L and **Chen C-W** (2014) Fuzzy neural modeling for n-degree ecosystems using the linear matrix inequality approach *Journal of Vibration and Control* 20 (1): 82-93. Epub ahead of print 8 October 2012. doi: 10.1177/1077546312458533
21. Chen C-H, Wu W-X and **Chen C-Y** (2013) Ant-inspired collective problem-solving systems *Journal of Vibration and Control* 19 (16): 2481-2490. Epub ahead of print 18 September 2012. doi: 10.1177/1077546312456231
22. Chen C-H, Yao T-K, Kuo C-M and **Chen C-Y** (2013) Evolutionary design of constructive multilayer feedforward neural network *Journal of Vibration and Control* 19 (16): 2413-2420. Epub ahead of print 12 September 2012. doi: 10.1177/1077546312456726
23. **Chen C-W** (2013) Applications of the fuzzy-neural Lyapunov criterion to multiple time-delay systems *Journal of Vibration and Control* 19 (13): 2054-2067. Epub ahead of print 16 August 2012. doi: 10.1177/1077546312451034
24. Chung P-Y, Chen Y-H, Walter L and **Chen C-Y** (2013) Influence and dynamics of a mobile robot control on mechanical components *Journal of Vibration and Control* 19 (13): 1923-1935. Epub ahead of print 20 July 2012. doi: 10.1177/1077546312452184
25. **Chen C-W** (2013) Neural network-based fuzzy logic parallel distributed compensation controller for structural system *Journal of Vibration and Control* 19 (11): 1709-1727. Epub ahead of print 22 June 2012. doi: 10.1177/1077546312442233

26. **Chen C-W**, Yeh K, Yang H-C, Liu KFR and Liu C-C (2013) A critical review of structural system control by the large-scaled neural network linear-deferential-inclusion-based criterion *Journal of Vibration and Control* 19 (11): 1658-1673. Epub ahead of print 18 June 2012. doi: 10.1177/1077546312443377
27. Chen C-H, Kuo C-M, **Chen C-Y** and Dai J-H (2013) The design and synthesis using hierarchical robotic discrete-event modeling *Journal of Vibration and Control* 19 (11): 1603-1613. Epub ahead of print 27 June 2012. doi: 10.1177/1077546312449645
28. Chang CJ, **Chen CY** and Chou I-T (2013) The design of information and communication technologies: telecom MOD strength machines *Journal of Vibration and Control* 19 (10): 1499-1513. Epub ahead of print 27 June 2012. doi: 10.1177/1077546312449644
29. Shih B-Y, **Chen C-Y**, Li K-H, Wu T-Y, Chen G-Y (2013) A novel NXT control method for implementing force sensing and recycling in a training robot *Journal of Vibration and Control* 19 (10): 1443-1459. Epub ahead of print 1 June 2012. doi: 10.1177/1077546312446361
30. **Chen C-W**, Chen P-C and Chiang W-L (2013) Modified intelligent genetic algorithm-based adaptive neural network control for uncertain structural systems *Journal of Vibration and Control* 19 (9): 1333-1347. Epub ahead of print 31 May 2012. doi: 10.1177/1077546312442232
31. **Chen C-Y**, Shih B-Y, Shih C-H and Wang L-H (2013) Enhancing robust and stability control of a humanoid biped robot: system identification approach. *Journal of Vibration and Control* 19 (8): 1199-1207. Epub ahead of print 26 April 2012. doi: 10.1177/1077546312442947
32. Chang C-J, **Chen C-Y** and Huang C-W (2013) Applications for medical recovery using wireless control of a bluetooth ball with a hybrid G-sensor and human-computer interface technology *Journal of Vibration and Control* 19 (8): 1139-1151. Epub ahead of print 24 April 2012. doi: 10.1177/1077546312442948
33. Hsu W-K, Chiou D-J, **Chen C-W**, Liu M-Y, Chiang W-L and Huang P-C (2013) Sensitivity of initial damage detection for steel structures using the Hilbert-Huang transform method *Journal of Vibration and Control* 19 (6): 857-878. Epub ahead of print 29 February 2012. doi: 10.1177/1077546311434794
34. **Chen C-Y**, Shih B-Y, Shih C-H and Wang L-H (2013) Human-machine interface for the motion control of humanoid biped robots using a graphical user interface Motion Editor *Journal of Vibration and Control* 19 (6): 814-820. Epub ahead of print 23 February 2012. doi: 10.1177/1077546311437804
35. **Chen C-Y** (2013) Internal wave transport, nonlinear manifestation, and mixing in a stratified shear layer - technical briefs *Journal of Vibration and Control* 19 (3): 429-438. Epub ahead of print 18 January 2012. doi: 10.1177/1077546311429337
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38. Liu K-C, Liu Y-W, **Chen C-Y** and Huang W-C (2013) Nonlinear vibration of structural deterioration in reinforced concrete columns: experimental and theoretical investigation *Journal of Vibration and Control* 19 (3): 323-335. Epub ahead of print 17 January 2012. doi: 10.1177/1077546311429477
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