

Accepted Manuscript

Improved system identification using artificial neural networks and analysis of individual differences in responses of an identified neuron

Alicia Costalago Meruelo, David M. Simpson, Sandor M. Veres, Philip L. Newland

PII: S0893-6080(15)00260-9

DOI: <http://dx.doi.org/10.1016/j.neunet.2015.12.002>

Reference: NN 3565

To appear in: *Neural Networks*

Received date: 30 April 2015

Revised date: 3 October 2015

Accepted date: 4 December 2015

Please cite this article as: Meruelo, A. C., Simpson, D. M., Veres, S. M., & Newland, P. L. Improved system identification using artificial neural networks and analysis of individual differences in responses of an identified neuron. *Neural Networks* (2015), <http://dx.doi.org/10.1016/j.neunet.2015.12.002>

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.



1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28
29

**Improved System Identification Using Artificial Neural Networks and
Analysis of Individual Differences in Responses of an Identified Neuron**

**Alicia Costalago Meruelo¹, David M. Simpson¹, Sandor M. Veres² and Philip L.
Newland³**

¹ Institute of Sound and Vibration, University of Southampton, Southampton, UK
² Department of Autonomous Control and Systems Engineering, University of Sheffield,
Sheffield, UK
³ Centre for Biological Sciences, University of Southampton, Southampton, UK

With 8 Figures and 2 Tables

Name and Address for correspondence: Alicia Costalago Meruelo, SPCG, B13, University of
Southampton, University Road, S017 1BJ, Southampton, UK. Email: acm1c08@soton.ac.uk

Download English Version:

<https://daneshyari.com/en/article/6863245>

Download Persian Version:

<https://daneshyari.com/article/6863245>

[Daneshyari.com](https://daneshyari.com)