Review Form 1.6

Journal Name:	**Asian Journal of Research in Computer Science**
Manuscript Number:	**Ms_AJRCOS_88606**
Title of the Manuscript:	**Application of Artificial Neural Networks in Chemical Process Control**
Type of the Article	

General guideline for Peer Review process:

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty'**, provided the manuscript is scientifically robust and technically sound.
To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(https://www.journalajrcos.com/index.php/AJRCOS/editorial-policy)

Review Form 1.6

PART 1: Review Comments

	Reviewer's comment	**Author's comment** *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)*
Compulsory REVISION comments		
Minor REVISION comments	Overall, the paper is well written and contribute to the literature. My specific comments are as follows: In the abstract, it would be important to explain the main contribution of the paper and indicate the sample and the period. In the discussion, it would be important to explain the gap in the literature and the contribution of the paper to the literature. It is not clear how the paper contributed to the literature. In the introduction it would be good to explain the research problem, research hypothesis and contribution of the paper. The literature review is too sparse. It seems that some earlier work has been cited totally arbitrarily without following a logical plan that could motivate the paper. Please add some of the following references about intelligent algorithms: Nebojša Denić, Dalibor Petković, Boban Spasić, Global Economy Increasing by Enterprise Resource Planning, Editor(s): Saleem Hashmi, Imtiaz Ahmed Choudhury,. Encyclopedia of Renewable and Sustainable Materials, Elsevier, 2020, Pages 331-337, ISBN 9780128131961, https://doi.org/10.1016/B978-0-12-803581-8.11590-5. (https://www.sciencedirect.com/science/article/pii/B9780128035818115905) Boban Spasić, Boris Siljković, Nebojša Denić, Dalibor Petković, Vuk Vujović, Natural Lignite Resources in Kosovo and Metohija and Their Influence on the Environment, Editor(s): Saleem Hashmi, Imtiaz Ahmed Choudhury. Encyclopedia of Renewable and Sustainable Materials, Elsevier, 2020, Pages561-566,ISBN9780128131961,https://doi.org/10.1016/B978-0-12-803581-8.11591-7. (https://www.sciencedirect.com/science/article/pii/B9780128035818115917) Denić, Nebojša, Petković, Dalibor, Siljković, Boris and Ivković, Ratko (2020). Opportunities for Digital Marketing in the Viticulture of Kosovo and Metohija. In: Hashmi, Saleem and Choudhury, Imtiaz Ahmed (eds.). Encyclopedia of Renewable and Sustainable Materials, vol. 1, pp. 600–615. Oxford:Elsevier.http://dx.doi.org/10.1016/B978-0-12-803581-8.11592-9 https://doi.org/10.1016/j.energy.2021.120621 https://doi.org/10.1016/j.compeleceng.2021.107270 https://doi.org/10.1016/j.rhisph.2021.100358 https://doi.org/10.1016/j.techfore.2021.120618 https://doi.org/10.1007/s13399-021-01314-2 https://doi.org/10.1007/s13399-020-01223-w https://doi.org/10.1007/s13399-020-01014-3 **Support vector regression methodology for wind turbine reaction torque prediction with power-split hydrostatic continuous variable transmission**, Energy, Volume 67, April 2014, pp. 623–630; **Evaluation of modulation transfer function of optical lens system by support vector regression methodologies – A comparative study**, Infrared Physics & Technology, DOI: 10.1016/j.infrared.2014.04.005, Volume 65, July 2014, pp. 94–102; **Sensor data fusion by support vector regression methodology – a comparative study**, IEEE Sensors Journal, DOI: 10.1109/JSEN.2014.2356501, Volume 15, Issue 2, February 2015, pp. 850-854; **Forecasting of Underactuated Robotic Finger Contact Forces by Support Vector Regression Methodology**, International Journal of Pattern Recognition and Artificial Intelligence, DOI: 10.1142/S0218001416590199, Volume 30, Issue 07, 2016, pp. 1–11;	

	ANALYZING OF CASE FATALITY RATE FORECASTING BY SOFT COMPUTING TECHNIQUE, ANNALS OF THE UNIVERSITY OF ORADEA, Fascicle of Management and Technological Engineering, Issue 3, December 2017, ISSN 2501-5796 (CD edition), ISSN 1583-0691 (online), ISSN-L 1583-0691 (online), pp. 38-42. Statistical evaluation of mathematics lecture performances by soft computing approach, Computer Applications in Engineering Education, DOI: 10.1002/cae.21931, Volume 26, 23 March 2018, pp. 902–905; Analyzing of flexible gripper by computational intelligence approach, Mechatronics, DOI: 10.1016/j.mechatronics.2016.09.001, Volume 40, December 2016, pp. 1–16; Selection of the most influential factors on the water-jet assisted underwater laser process by adaptive neuro-fuzzy technique, Infrared Physics & Technology, DOI: 10.1016/j.infrared.2016.05.021, Volume 77, July 2016, pp. 45–50; Vibration analyzing in horizontal pumping aggregate by soft computing, Measurement, DOI: 10.1016/j.measurement.2018.04.100, Volume 125, September 2018, pp. 454–462; Prediction of laser welding quality by computational intelligence approaches, Optik - International Journal for Light and Electron Optics, DOI: 10.1007/s11760-016-0948-8, Volume 140, July 2017, pp. 597–600; Precipitation concentration index management by adaptive neuro-fuzzy methodology, Climatic Change, DOI: 10.1007/s10584-017-1907-2, Volume 141, Issue 4, April 2017, pp. 655–669; Estimation of fractal representation of wind speed fluctuation by artificial neural network with different training algorothms, Flow Measurement and Instrumentation, DOI: 10.1016/j.flowmeasinst.2017.01.007, Volume 54, April 2017, pp. 172–176; Adaptive neuro-fuzzy approach for wind turbine power coefficient estimation, Renewable and Sustainable Energy Reviews, Volume 28, December 2013, pp. 191-195; Adaptive neuro-fuzzy maximal power extraction of wind turbine with continuously variable transmission, Energy, Volume 64, January 2014, pp. 868-874; Adapting project management method and ANFIS strategy for variables selection and analyzing wind turbine wake effect, Natural Hazards, DOI: 10.1007/s11069-014-1189-1, Volume 74, Issue 2, November 2014, pp. 463-475; Estimation of fractal representation of wind speed fluctuation by artificial neural network with different training algorothms, Flow Measurement and Instrumentation, DOI: 10.1016/j.flowmeasinst.2017.01.007, Volume 54, April 2017, pp. 172–176; Wind speed parameters sensitivity analysis based on fractals and neuro-fuzzy selection technique, Knowledge and Information Systems, DOI: 10.1007/s10115-016-1006-0 Wind farm efficiency by adaptive neuro-fuzzy strategy, International Journal of Electrical Power & Energy Systems, DOI: 10.1016/j.ijepes.2016.02.020, Volume 81, October 2016, pp. 215–221;	
Optional/General comments		

PART 2:

	Reviewer's comment	**Author's comment** *(if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)*
Are there ethical issues in this manuscript?	*(If yes, Kindly please write down the ethical issues here in details)*	

Review Form 1.6

Reviewer Details:

Name:	**Dalibor Petkovic**
Department, University & Country	**University of Nis, Serbia**