



**SDI Review Form 1.6**

Journal Name:	<b><u>Journal of Scientific Research and Reports</u></b>
Manuscript Number:	<b>Ms_JSRR_31166</b>
Title of the Manuscript:	<b>AN EXPLORATORY STUDY OF COGNITIVE BASED COMPLEXITY MEASURES OF ONLINE ALGORITHMS</b>
Type of the Article	<b>Original Research Article</b>

**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.

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(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)



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**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)
<b>Compulsory</b> REVISION comments	<p><b>Improved Cognitive Complexity Metric (ICCM) is applied on C programming language in this paper, which is meaningful. But this paper must be done by major revision as follows:</b></p> <p><b>1) Introduction of Complexity measures in “2. Related works ” is not enough, many important references should be added.</b></p> <p><b>2) All equations in this paper should be re-edited.</b></p> <p><b>3) All tables in this paper should be re-edited.</b></p> <p><b>4) Section IV “COMPARATIVE STUDIES...” is simple, several comparison figures with the relative methods should be added.</b></p> <p><b>5) Some references before 2006 are out-of-date, they can be deleted. Section “Introduction” is not enough, many important recent references are missing, the following references must be added in Section “References” :</b></p> <p>[1] Degan Zhang, Ke Zheng, Ting Zhang. A Novel Multicast Routing Method with Minimum Transmission for WSN of Cloud Computing Service. Soft Computing, 2015,19(7):1817-1827.</p> <p>[2]Degan Zhang, Guang Li, Ke Zheng. An energy-balanced routing method based on forward-aware factor for Wireless Sensor Network. IEEE Transactions on Industrial Informatics, 2014,10(1):766-773</p>	<p>The equations and tables have been re-edited.</p> <p>References before 2006 has been deleted.</p> <p>The references listed here are not inline with the manuscript.</p>



**SDI Review Form 1.6**

	<p>[3]Degan Zhang, Xiang Wang, Xiaodong Song. A Novel Approach to Mapped Correlation of ID for RFID Anti-collision. IEEE Transactions on Services Computing, 2014,7(4):741-748</p> <p>[4]Degan Zhang,Yannan Zhu. A new constructing approach for a weighted topology of wireless sensor networks based on local-world theory for the Internet of Things (IOT). Computers &amp; Mathematics with Applications, 2012,64(5):1044–1055</p> <p>[5]Degan Zhang,Yanping Liang. A kind of novel method of service-aware computing for uncertain mobile applications. Mathematical and Computer Modelling, 2013,57(3-4):344-356</p> <p>[6]Degan Zhang, Xiaodan Zhang. Design and implementation of embedded un-interruptible power supply system (EUPSS) for web-based mobile application. Enterprise Information Systems, 2012, 6(4):473-489</p> <p>[7]Degan Zhang. A new approach and system for attentive mobile learning based on seamless migration. Applied Intelligence, 2012, 36(1):75-89</p> <p>[8]Degan Zhang, Ke Zheng, Dexin Zhao. Novel Quick Start (QS) Method for Optimization of TCP. Wireless Networks, 2016,22(1):211-222.</p> <p>[9]Degan Zhang, Xuejing Kang. A novel image de-noising method based on spherical coordinates system, EURASIP Journal on Advances in Signal Processing,2012,2012(110):1-10 DOI:10.1186/1687-</p>	
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	<p>6180-2012-110</p> <p>[10] Degan Zhang, Xiaodong Song,Xiang Wang. New Agent-based Proactive Migration Method and System for Big Data Environment (BDE). Engineering Computations, 2015,32(8):2443-2466</p> <p>[11] Degan Zhang,Xiang Wang, Xiaodong Song. New Clustering Routing Method Based on PECE for WSN. EURASIP Journal on Wireless Communications and Networking,2015,2015(162):1-13. DOI: 10.1186/s13638-015-0399-x</p>	
<b><u>Minor</u></b> REVISION comments		
<b><u>Optional/General</u></b> comments		