**SDI Review Form 1.6**

| Journal Name: | **Journal of Scientific Research and Reports** |
|---|---|
| Manuscript Number: | **Ms_JSRR_31166** |
| Title of the Manuscript: | **AN EXPLORATORY STUDY OF COGNITIVE BASE COMPLEXITY MEASURES OF ONLINE ALGORITHMS** |
| Type of the Article | **Original Research 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:

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

**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 | **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:**<br>**1) Introduction of** Complexity measures in **"2. Related works " is not enough, many important references should be added.**<br>**2) All equations in this paper should be re-edited.**<br>**3) All tables in this paper should be re-edited.**<br>**4)** Section IV "COMPARATIVE STUDIES..." is simple, several comparison figures withe the relative methods should be added.<br>**5) Some references before 2006 are out-of-date, they can be deleted.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" :**<br><br>[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.<br><br>[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 | |

[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

[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 & Mathematics with Applications, 2012,64(5):1044–1055
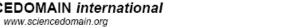
[5]Degan Zhang,Yanping Liang. A kind of novel method of service-aware computing for uncertain mobile applications. Mathematical and Computer Modelling, 2013,57(3-4):344-356

[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

[7]Degan Zhang. A new approach and system for attentive mobile learning based on seamless migration. Applied Intelligence, 2012, 36(1):75-89

[8]Degan Zhang, Ke Zheng, Dexin Zhao. Novel Quick Start (QS) Method for Optimization of TCP. Wireless Networks, 2016,22(1):211-222.

[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-

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[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

[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 | |
|---|---|---|
| **Minor** REVISION comments | | |
| **Optional/General** comments | | |

### Reviewer Details:

| Name: | *Dexin Zhao* |
|---|---|
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