



SDI Review Form 1.6

Journal Name:	Journal of Advances in Mathematics and Computer Science
Manuscript Number:	Ms_JAMCS_36521
Title of the Manuscript:	Achieving System Reliability with the Fewest Identical Components
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:

(<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)
Compulsory REVISION comments	The article is good English-written without many mistakes nor typos.	I agree; the article is well written.
Minor REVISION comments	Page 2, paragraph 3, line 2: Parameter z must be written in mathematical style like elsewhere in the paper. The same with variable x in page 7, last line. References in page 8 should be presented as follows: [1]. Chern, M.S. On the computational complexity of reliability redundancy allocation in series systems. <i>Operations Research Letters</i>. 11: 309-315, 1992. [2]. Soltani, R. & Soltani, R. Reliability optimization of binary state non-repairable systems: A state of the art survey. <i>International Journal of Industrial Engineering Computations</i>. 5: 339-364, 2014. [3]. Elsayed, E A. <i>Reliability Engineering</i>, 2nd ed. New York: Wiley, 2012. [4]. Kapur, K. & Pecht, M. <i>Reliability Engineering</i>. New York: Wiley, 2014. [5]. Baxter, L.A. & Harche, F. On the optimal assembly of series-parallel systems. <i>Operations Research Letters</i>. 11: 153-157, 1992. [6]. Moskowitz, F. & McLean, J.B. Some reliability aspects of systems design. <i>IRE Transactions on Reliability and Quality Control PGRQC</i>. 8: 7-35, 1956. [7]. Nmah, B. A Computational Complexity Analysis of an Algorithm for Reliability Optimization. <i>British Journal of Mathematics & Computer Science</i>. 7(1): 18-25, 2015. [8]. Nmah, B. Shorter Searches for Least-Cost Allocation of Redundancy. <i>American Journal of Scientific and Industrial Research</i>. 6(6): 116-122, 2015. [9]. Nmah, B. Preliminary computational results of an algorithm for reliability optimization. <i>Proceedings of Dynamic Systems and Applications</i>. 7: 290-295, 2016. [10]. Barlow, R.E. & Proschan, F. <i>Mathematical Theory of Reliability</i>. NY: John Wiley & Sons, 1965 [11]. Nmah, B. Alternate Optimal allocation of redundancy in series-parallel systems (to be submitted). 2018	I am very grateful to this referee for taking the time to read through my manuscript, especially in the outlay of the bibliography. I accepted this reviewer's recommendations and I made the suggested adjustments. Once again, I thank this reviewer for his/her contribution to my work.



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Optional/General comments		
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