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Journal Name:	**British Journal of Mathematics & Computer Science**
Manuscript Number:	**Ms_BJMCS_30264**
Title of the Manuscript:	**An ROBDD Algorithm for The Reliability of Double-Threshold Systems**
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:

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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	**1. The main drawbacks of this paper are to lack of the motivation behind the manuscript.** **2. Write in brief the drawbacks of the existing techniques in the introduction section so as to make readers more comfortable in the topic.** **3. There are few grammatical error in the manuscript. Kindly revise and fix it** **4. Author should restructure the paper so that reader can easily understand what the author did in this paper.** **5. Write the Assumptions, Notation and Nomenclature as section 2.1, 2.2 and 2.3 respectively.** **6. Replace all i.e. with i.e.,** **7. Author should state the advantages of the algorithm in the introduction section.** **8. Cite all the reference from the reference list into the text of the manuscript too.** **9. Author should delete the old references and add the latest and recent article related to reliability optimization in the different disciplines into the article. For your ready reference, add the following articles,** **(i) Reliability redundancy allocation problem of pharmaceutical plant" Journal of Engineering Science and Technology, 8(2), pp. 190 - 198, 2013** **(ii) A two-phase approach for reliability and maintainability analysis of an industrial system", International Journal of Reliability, Quality and Safety Engineering, WorldScientific, 19(3), Article No. 1250013 (19 pages) 2012**	1. We revised the paper to fix any typos or grammatical errors. 2. We added 13 new recent and relevant references (mostly 2016). 3. We added a new paragraph to the conclusion.

	(iii) Stochastic behavior analysis of complex repairable industrial systems utilizing uncertain data", ISA Transactions, Elsevier, 51 (6), pp. 752 - 762, 2012 **(iv) Reliability analysis of repairable systems using Petri nets and Vague Lambda-Tau methodology", ISA Transaction, Elsevier, 52(1), pp. 6 - 18, 2013** **(v) An efficient two phase approach for solving reliability-redundancy allocation problem using artificial bee colony technique', Computers and Operations Research, Elsevier, 40 (12), pp. 2961 - 2969, 2013** **(vi) Reliability, availability and maintainability analysis of industrial systems using PSO and fuzzy methodology', MAPAN - Jounal of Metrology Society of India, Springer, 29(2), pp. 115 - 129, 2014**	
Minor REVISION comments		
Optional/General comments		