



SDI Review Form 1.6

Journal Name:	<u>British Journal of Mathematics & Computer Science</u>
Manuscript Number:	Ms_BJMCS_19380
Title of the Manuscript:	On the DAG Decomposition
Type of the Article	Research Paper

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)
<u>Compulsory</u> REVISION comments	The authors propose an efficient algorithm to decompose a directed acyclic graph (DAG) G into a minimized set of node-disjoint chains, which cover all the nodes of G . The proposed algorithm is faster than the currently known algorithms working in time $O(n^3)$. Contributions of the article can be viewed in two ways. First, the article has scientific results from the graph theory. The research and results are mathematically correct. Second, the received algorithms are efficient and interesting from an algorithmic perspective.	
<u>Minor</u> REVISION comments	No comments.	
<u>Optional/General</u> comments		

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