



SDI Review Form 1.6

Journal Name:	British Journal of Mathematics & Computer Science
Manuscript Number:	Ms_BJMCS_20567
Title of the Manuscript:	On eccentric adjacency index of several infinite classes of fullerenes
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.

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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	I have read simialr works, therefore, I would like to ask authors to compare thei results with reference 12-15 and to address the list of novelties clearly. Besides, theorems are not clarified and the domain of applicability is unclear the way authors addressed the problem. I look forward to read the revised version.	In this manuscript, we computed the eccentric adjacency index of a graph G is defined as the sum across of all vertices of $S(u) / e(u)$, where $S(u)$ denotes sum of degrees of vertices adjacent to the vertex u and $e(u)$ is defined as the vertex eccentricity. While in reference 12-15, the authors computed eccentric connectivity index defined as the sum across of all vertices of $d(u)e(u)$ or connective eccentricity index defined as the sum across of all vertices of $d(u)/e(u)$. One of the most serious problems affecting the use of topological index in mathematical chemistry is their degeneracy i.e., the fact that there are two or more graphs with same value of given index. In the eccentric adjacency index, the degrees are taken over the neighbourhoods and then summed and also the reciprocal of the eccentricity is considered for a vertex, so the contribution of a vertex this index is non-local and non-linear. This fact reduces the degeneracy of this index. Regarding the novelties, we uses the data calculated already in [8],[10], [12],[13], [14], [15].
Minor REVISION comments		
Optional/General comments		