



SDI Review Form 1.6

Journal Name:	Journal of Advances in Mathematics and Computer Science
Manuscript Number:	Ms_JAMCS_38568
Title of the Manuscript:	Root Systems, Cartan Matrix and Dynkin Diagrams in Classification of Lie Algebras
Type of the Article	Review 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>)

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		
<u>Minor</u> REVISION comments	The authors studies the Lie algebras with some concentration on Lie algebras and root systems with a particular emphasis with regards to Weyl groups, Cartan matrix and Dynkin diagram. The paper is well-written and the conclusions make sense. Nevertheless, the bibliography need to be improved. I suggest adding the references below. 1) E. Guariglia and S. Silvestrov (2017). Fractional-Wavelet Analysis of Positive definite Distributions and Wavelets on $D'(C)$, in Engineering Mathematics II, Silvestrov, Rancic (Eds.), Springer, pp. 337-353. 2) E. Guariglia, Fractional Derivative of the Riemann Zeta Function, in Fractional Dynamics, Cattani, Srivastava, Yang (Eds.), De Gruyter, 2015, pp.357-368. 3) E. Guariglia and S. Silvestrov, A functional equation for the Riemann zeta fractional derivative, AIP Conference Proceedings 1798, 020063. Moreover, I warmly recommend an English revision.	Thank you for your comments about our manuscript , here is our reply: - Regarding improving bibliography we have revised references and added more references related to the subject of the paper. - The references you have introduced to be added ,we think they are not suitable because they discuss topics like Zeta Function ,functional equations ,..... while the subject of the paper is topics related mainly to differential geometry . - As for revising English , we have revised the paper and added what is required in Yellow colour .
<u>Optional/General</u> comments		