



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 comment	The manuscript is about Root systems, Cartan Matrix and Dykin Diagrams investigated with Lie algebras. In the whole paper there are many punctuation error. Forexample Please, leave a space after the dots and the commas on the whole paper. In the 2. Page: what is the mean of "toral"? In the 3. Page: "Define $[v,w]=vw-wv$, Then" If the sentence is finished then put dot not comma et the end of the sentence. If the sentence is not finished then you should write "then" with small first letter. In 3. Page: Put a dot et the end of the sentence "An ideal of ℓ is a Lie subalgebra η such that $[\eta,\ell]\subseteq\eta$" In 3. Page: Separate with "aLie" in the sentence "We now turn to the properties of aLie algebra." In 3.Page: Make bold (i) In 4.Page: Correct (iv) as (iii) In 4.Page: In 3.3.Theorem, correct ",With", please small letter. In 6. Page: "For aroot system" will be " For a root system". In 7.Page: In the sentences ".Which maps", coorrect the dot and write "which" with small letter In 7. Page: Correct "SupposeS". In 8. Page: Put a dot et the end of sentence "We can have several different spaces derived from the same Lie algebra"	Thanks for your comments. Here is our reply to your comments: • We have revised all the paper and corrected punctuation errors • In page 2 : the word toral is related to torus which is a product manifold $S^n \times S^n$. • In page 3, the punctuation error was corrected (Then---then) . Also all other errors were corrected. • In page 4, the corrections (iii) and with were done. • Page 6, the correction a root was done. • Page 7 , which , was corrected and also Suppose S • Page 8, the dot was put at the end of the sentence.
<u>Minor</u> REVISION comments		
<u>Optional/General</u> comments		