



SDI Review Form 1.6

Journal Name:	British Journal of Mathematics & Computer Science
Manuscript Number:	2014_BJMCS_8943
Title of the Manuscript:	On Topological Structure Of The First Non-Abelian Cohomology Of Topological Groups
Type of the Article	Original

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 <i>(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)</i>
<u>Compulsory</u> REVISION comments		
<u>Minor</u> REVISION comments	Page-2: Line 28 (from above): "...\$G\$-module naturally is viewed..." should be "... \$G\$-module can be naturally viewed..." Line-6 (from bottom): "partially" should be "partially" Line-5(from bottom): "We" should be "we" Page-5 : Line 8 and 11(from above) Delete" then" Page-6: Line-1 (from above) Delete "then" Line -6 (from above) "of" should be "for" Line- 18 and 19 (from above) "subset" should be "subsets" Page -11 Line -11 (from bottom): "...\$G\$-module; let \$\$ is compact ..." should be "\$G\$-module and \$\$ be compact..." Line 7: "is" should be "as"	The revision comments are revised and those are highlighted in yellow colour. Also the deleted words are shown by the empty highlights.



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	Page 12 Line-4(from above): Delete “then” Line-7, “...center. By...” should be “center then by the assumption...” Line-17, (from bottom) Delete “then” Page-13, Line-5: (from bottom) “... subset and the quotient.” should be “... subsets and the quotients.” Line-3 (from bottom): “is” should be “to be”. Page-14: Line 19 (from bottom): “... If G compactly...” should be “... If G is compactly...” Line -7 (from bottom): “...that acts...” should be “...that it acts...” Line-5 (from bottom): “are” should be “be” Page 15: Line-5 (from above): “G is finite discrete and A is compact, then...” Should be): “G be finite discrete and A be compact. Then...” Page-16, Line-11(from bottom): insert “.” at the end	
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<u>Optional/General</u> comments	In this paper the author has introduced a topology on $\text{Der}_c(G, (A, \mu))$ and shown that it is a topological group if G and R are locally compact. The notion of first cohomology as a quotient space of $\text{Der}_c(G, (A, \mu))$ are also introduced by the author. Certain topological properties of first cohomology are also discussed in the paper. The paper is well written and well organized and thus I recommend for publication of the paper, though there are some corrections for the author.	