



**SDI Review Form 1.6**

Journal Name:	<a href="#">Journal of Scientific Research and Reports</a>
Manuscript Number:	<b>Ms_JSRR_24873</b>
Title of the Manuscript:	<b>GROOMING TELECOMMUNICATIONS NETWORK: OPTIMIZATION MODELS AND METHODS</b>
Type of the 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.

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**

	<b>Reviewer's comment</b>	<b>Author's comment</b> <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>
<p><b>Compulsory</b> REVISION comments</p>	<p><b>Major Comments</b></p> <p>The goal of this paper is explores the meaning of grooming, the methodological context in which it can be applied, and introduce an innovative nomenclature to address five key aspects of telecommunication network grooming problems.</p> <p>The first paragraphs of the manuscript are oriented to introduce the term of grooming from the perspective of different authors and an innovative nomenclature of grooming problems. The rest of the paper involves different grooming aspects of telecommunications networks.</p> <p>Nevertheless, the main weakness of this manuscript is its similarity in structure and content (including the same figures) with respect to the work of Barr, Kingsley and Patterson (2005).</p> <p>Barr et al. introduce the PACER taxonomy of grooming problems that involves Packing, Assigning, Converting, Extracting and Routing activities, while authors used the acronym called CASER to incarcerate five key aspects of telecommunication network grooming problems: Confederate, Assigning, Switching, Establishing, and Routing.</p> <p>In this sense, the authors must conduct a deeper analysis that establishes clear differences between the two works, especially through a discussion section where it is specified what are the advantages and disadvantages of each approach to improve the performance of telecommunications networks.</p> <p><b>Minor Comments</b></p>	



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	<p>You need to define the term CASER in its first appearance in the document</p> <p><b>I do not suggest that there is plagiarism, but a great similarity with the publication of Bart et al (2005).</b></p> <p><a href="http://opti.tmit.bme.hu/~cinkler/TMP/MYPUBwithcitations/pdf/J_200302_ieeeNetwork_Grooming_c.pdf">http://opti.tmit.bme.hu/~cinkler/TMP/MYPUBwithcitations/pdf/J_200302_ieeeNetwork_Grooming_c.pdf</a></p>	
<b><u>Minor REVISION comments</u></b>		
<b><u>Optional/General comments</u></b>		

**Reviewer Details:**

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