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Journal Name:	Journal of Scientific Research and Reports
Manuscript Number:	**Ms_JSRR_24873**
Title of the Manuscript:	**GROOMING TELECOMMUNICATIONS NETWORK: OPTIMIZATION MODELS AND METHODS**
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.
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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	**This paper reviews the optical network about the grooming issue especially with rapid expansion of the use of internet in the last decade. The authors propose an efficient traffic grooming model for all optical networks. The model has low complexity and it can be easily implemented for traffic grooming problems. This work is meaningful for traffic grooming in optical network. There are some comments below, which I recommend the revision before this manuscript is accepted for publication.** **1. Some figures should be modified to make them compact. For instance, there is lots of space in the Figure 1.** **2. Also, the expression should be uniformed in the paper, such as the line spacing.** **3. The part of proposed scheme will be added in the new version.** **4. A more comprehensive and up-to-date literature survey may be provided. For instance, the authors missed the following related works in optical network.** **[1] H. Yang, J. Zhang, Y. Zhao, Y. Ji, J. Han, Y. Lin, and Y. Lee, "CSO: Cross Stratum Optimization for Optical as a Service," IEEE Communications Magazine, vol. 53, no. 8, pp. 130-139, Aug. 2015.** **[2] H. Yang, J. Zhang, Y. Zhao, J. Han, Y. Lin, and Y. Lee, "SUDOI: software defined networking for ubiquitous data center optical interconnection," IEEE Communications Magazine, vol. 54, no. 2, pp.**	

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	86-95, Feb. 2016. **[3] H. Yang, J. Zhang, Y. Zhao, Y. Ji, J. Wu, Y. Lin, J. Han, and Y. Lee, "Performance evaluation of multi-stratum resources integrated resilience for software defined inter-data center interconnect," Optics Express, vol. 23, no. 10, pp. 13384-13398, May 2015.**	
Minor REVISION comments		
Optional/General comments		

Reviewer Details:

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