



SDI Review Form 1.6

Journal Name:	Journal of Advances in Mathematics and Computer Science
Manuscript Number:	Ms_JAMCS_41281
Title of the Manuscript:	Deep Recurrent Q-learning Method for Area Traffic Coordination Control
Type of the Article	Original Research 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>)

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	In order to improve the performance of Deep Q-learning, the authors introduce a deep recurrent Q-learning by changing the fully connected network layer to LSTM layer, which use transfer learning to handle the coordination of multiple intersections. In my opinion, the topic is very interesting in deep learning in traffic control. Please revise the paper according to the comments followed. A more comprehensive literature survey may be provided. For instance, Experimental demonstration of multi-dimensional resources integration for service provisioning in cloud radio over fiber network, Scientific Reports, vol. 6, 2016. CSO: Cross Stratum Optimization for Optical as a Service, IEEE Communications Magazine, vol. 53, 2015. C-RoFN: multi-stratum resources optimization for cloud-based radio over optical fiber networks, IEEE Communications Magazine, vol. 54, 2016. SUDO: software defined networking for ubiquitous data center optical interconnection, IEEE Communications Magazine, vol. 54, 2016.	
Minor REVISION comments		
Optional/General comments		

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