

This paper is related to reviewing the manuscript titled "**Intelligent algorithmic framework for detection and mitigation of BeiDou spoofing attacks in VANETs**"

This research examines the critical issue of spoofing in the BeiDou Navigation Satellite System (BDS) within Vehicular Ad-hoc Networks (VANETs), offering advanced strategies for detection, tolerance, and management to enhance vehicular communication security. With the growing reliance on BDS for accurate vehicle positioning, spoofing presents significant risks to vehicular safety and traffic management. The authors use a hybrid machine learning approach, integrating Autoencoders and Long Short-Term Memory (LSTM) networks, along with the advanced cryptographic method 'Attribute-Based Encryption (ABE)', to create a robust anti-spoofing framework.

Firstly, Although the proposed study is successful in terms of organization, presentation, content and results, major revision given in the following items need to be performed.

- 1) Provide the major numerical findings and conclusions of the study in the summary section.
- 2) The mathematical model of proposed LSTM Model must be validated. Why is the recommended model a hybrid model? How is it strikingly different from others?
- 3) Standard LSTM model equations are given in Equations 10-13. The innovation and contribution of the proposed deep network-based model must be given by the proposed model.
- 4) The proposed method lacks any basis regarding VANET energy consumption.
- 5) Increase the resolution of figures.
- 6) Several operations were carried out on the VANET network with the method of attack detection and mitigation. However, it seems that performance analyzes that are widely used in attack detection and prevention studies, such as error checking, collision rate, efficiency, and data loss rate, are not given in the experimental part.
- 7) In addition, the proposed model should be compared with new methods.

My decision is major revision. I do not see any harm in publishing the manuscript once the above revisions are made.