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**REVIEWER’S RECOMMENDATIONS**

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**Title:**

**An approach for traffic sign recognition**

| **No.** | **Reviewer’s comments** | **Authors’ Feedback** |
| --- | --- | --- |
| **GENERAL COMMENTS** | | |
| **1** | * The article needs to be more conformed to the Journal’s stated Aims and Scope. This paper needs to be more complied with the policy and regulations of the Journal of Science of HCMC Open University. |  |
| **2** | * The research context and aims of the study are fairly presented. | **We have edited the article to clarify the context and aims of the study** |
| **3** | * Research results, findings, effects, and implications need to be more discussed. | **We have added the Research results, findings, effects, and implications section to make the content clearer** |
| **4** | * The soundness of methodology needs to be more presented |  |
| **5** | * The written styles: d-check, please |  |
| **DETAILED COMMENTS** | | |
| **6** | * ***Title:*** Agree |  |
| **7** | * ***The abstract:*** Summary of research problem: the author has proposed a method to recognize traffic signs in real time and the model's prediction rate is up to 88.8%. |  |
| **8** | * ***The keywords:*** The author needs to choose about 05 main keywords for this research. | **We have added more main keyword into the paper** |
| **9** | * ***Introduction:*** * Complete and clear issues that need to be researched. * The author also mentioned the difficulty of research methods on image processing and machine learning algorithms to automatically detect and identify road traffic signs. | **We have added more to the article to clarify the issue** |
| **10** | * ***Theoretical background, literature review, hypothesis development (if applicable):***   - The article lacks a comprehensive assessment of related research and theoretical foundations for this research?  - Comment: The author needs to add a new section: (2. Related studies) | **We have added related studies in the article** |
| **11** | * ***Data and research method:*** * Why does the author only describe 5 types of traffic signs to apply to Yolo technology? * Is the illustration above (Figure 2) not suitable for the research goal of traffic sign recognition? * Replace the illustration above (picture 2) with some type of traffic sign? | **In this article, table 1 describes the traffic sign system in Vietnam so that readers can clearly understand the sign system in Vietnam, and table 2 is the data set we collected for training. While training the model, it seemed people were misunderstanding the two tables so we made an adjustment** |
| **12** | * ***The relevance and significance of the results ((Innovative, inventory, sound, contribution to existing knowledge):*** * Explain why the above training data (Table 2: Data set description) does not match the 05 types of data proposed above (Table 1: Five types of road traffic signs)? * Regarding Creativity and correctness, the author has not mentioned it in the article? * The author needs to clarify the results obtained from (Table 2: Data set description) and the results after training/coaching in section 3.2? * The author needs to explain the expected results of 88.8%. * In the training and coaching results, did the author use up to 29,632 images as the introduction suggested? * In conclusion, the author needs to write specifically what he contributed? what he recommends? | **In this article, table 1 describes the traffic sign system in Vietnam so that readers can clearly understand the sign system in Vietnam, and table 2 is the data set we collected for training. While training the model, it seemed people were misunderstanding the two tables so we made an adjustment** |
| **13** | * ***Structure and presentation format of the manuscript:*** * The structure of the article should follow the General Form (as suggested in section 2.10 below). * Does the author need to improve the article regarding spelling and semantic errors? * Renumber tables and figures? | **We have revised the article to make it more complete** |
| **14** | * ***References:*** References need to add new documents about yolo, HOG, CNN,..., remove references before 2015???? | **Thanks for feedback, we have revised the article to make it more complete** |
| **15** | * ***Points to improve (The content that should have been edited, revised, supplemented to improve the quality of the paper or the reason for refusal in case the manuscript is rejected):***   \* Recommendation (Needs some further modifications):  - Article structure:  + Usually structured into 5 contents: 1. Introduction; 2.Related studies; 3. Approach/Research method; 4.Results & discussion/experiment; 5. Conclusion.  + Additional content in section 2: “2. Related studies”  - The content of section "3.1 Data set" can be moved to section "3. "Research methods" to fit the new structure of the article?  - Consider whether the data in tables 1 and 2 are compatible? (can be integrated into 01 table).  - Additional information on Creativity and correctness in the article?  - Add new reference sources (at least 10 references)  - The author needs to fully refer to the reference sources in the content of the article.  - Rewrite the conclusion. | **Thank you for your comments, we have reviewed and edited the article to make it as perfect as possible** |

**Note: Please kindly note that any revised parts should be highlighted in yellow color for the convenience of re-reviewing. Please kindly return the revised version to us within 10 days. Thank you!**