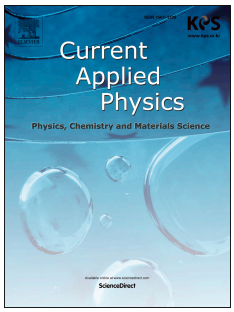
Accepted Manuscript



Radius effect on the spintronic properties of a triangular network of quantum nanorings in the presence of Rashba spin-orbit interaction

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Title: Radius effect on the spintronic properties of a triangular network of quantum nanorings in the presence of Rashba spin-orbit interaction.

Dear Editor,

Thank you for your useful comments and suggestions on the language and structure of our manuscript. We have modified the manuscript accordingly, and detailed corrections are listed below point by point.

Yours sincerely,

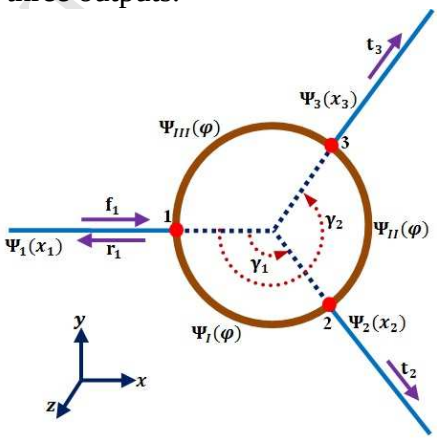
Mohamad Molavi

Reply to the reviewer 1:

We would like to express thank to the reviewer for these valuable comments, we have done our best to apply all the suggestions. Please find our responses as follow;

Comment 1) *Subsection 2.1 is devoted to "a ring with one input and three outputs". But the actual system is a ring with three leads.*

Response 1: Thanks for your attentions. We examined a single-ring with three leads firstly. As it is shown in modified Fig.1, The injected electrons in lead-1 are supposed to be as the only input and the reflected one is assumed one of the three outputs. In addition, the transmitted electrons from lead-2 and lead-3 are considered as other two outputs. Thus, here is one ring with one input and three outputs.



Modified Fig.1