

Feedback on the article

“NUMERICAL SOLUTION OF THE OPTIMAL CONTROL PROBLEM OF
VISCOUS HEAT-CONDUCTING GAS FLOW USING THE PINN METHOD”

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To improve the content of the article we can recommend the following:

1. Specify the time for the training of PINN.
2. Specify what computational resources were used.
3. Remove question marks in the text on page 9: “The control profile of functions u_0 and u_2 is presented in figures ??a and ??b.”.
4. Add information about the software stack with the help of which PINN was implemented.
5. It is necessary to formulate more precisely what is the novelty of the work in “Conclusion”.

After eliminating the remarks, the article can be recommended for publication in the journal “Siberian Electronic Mathematical Reports”

Best regards.

Reviewer

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