

July 14, 2019

Dear Professor Solovej,

Attached please find our revised manuscript entitled (please note the title change) "Spectral Analysis and Computation for Homogenization of Advection Diffusion Processes in Steady Flows," along with a document detailing our responses to the referee's comments. In this second document, we describe the minor changes made at the request of the referee.

In particular, in addition to changes made to address the issues brought up by the referee we have also made many minor changes and type-o corrections.

As we note in our response, we are most grateful for the thoughtful, detailed, and effective comments of the referee throughout the various revisions of the manuscript. We do hope that these changes will make the revised manuscript appropriate for publication in the Journal of Mathematical Physics.

Also, I want to emphasize the author order in the LaTeX document is correct, but the style file is reordering them in the PDF document. The correct order is N. B. Murphy, E. Cherkaev, J. Zhu, J. Xin, and K. M. Golden.

Thanks very much for your consideration.

Sincerely yours,

N. Benjamin Murphy