

Interactive comment on “Development of high-resolution Thermosphere–Ionosphere Electrodynamics General Circulation Model (TIE-GCM) using Ring Average technique” by Tong Dang et al.

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Dear editor,

Thanks very much for your comments. We have used “TIEGCM 2.0r” as the model version and uploaded the source files of the model directed to Github as suggested (<https://github.com/dangt-ustc/TIEGCM2.0r>). The Ring Average technique and numerical experiments used in this study is available at <https://doi.org/10.5281/zenodo.3719295>. In addition, to broaden the application of the

C1

ring average method in GCMs with finite difference scheme and spherical geometry, our contributing authors suggested to change the manuscript title as: “Averaging-reconstructing filtering techniques for finite-difference general circulation models in spherical geometry”.

Interactive comment on Geosci. Model Dev. Discuss., <https://doi.org/10.5194/gmd-2020-243>, 2020.

C2