

## ***Interactive comment on “Head-on collision of internal waves with trapped cores” by Vladimir Maderich et al.***

**Vladimir Maderich et al.**

vladmad@gmail.com

Received and published: 30 October 2017

Dear Editor, enclosed are answers to comments by two reviewers . We have taken remarks by reviewers into account, and the paper has been revised accordingly. The main changes are: 1) 3D simulations were excluded for further separate publication; 2) The results of grid independence studies were discussed; 3) The discussion on effects of the Schmidt number was added; We look forward to hearing whether you can accept this article for publication.

Sincerely yours Vladimir Maderich October 30, 2017

Please also note the supplement to this comment:

C1

<https://www.nonlin-processes-geophys-discuss.net/npg-2017-31/npg-2017-31-AC1-supplement.zip>

---

Interactive comment on Nonlin. Processes Geophys. Discuss., <https://doi.org/10.5194/npg-2017-31>, 2017.

C2