

Interactive comment on “Effective buoyancy ratio: a new parameter to characterize thermo-chemical mixing in the Earth’s mantle” by A. Galsa et al.

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Response to Paul J. Tackley’s comments and the supplementary material requested by P. Tackley is uploaded as a Supplement. Response_to_P.Tackley.zip file contains:

1. Response to P. Tackley’s comments: Response_to_P.Tackley.pdf
2. Requested supplementary material concerning COMSOL test for thermo-chemical convection: Supplementary.pdf, Supplementary.docx
3. Four new figures to the supplementary material: Fig_S1.png - Fig_S4.png

Please also note the supplement to this comment:

<http://www.solid-earth-discuss.net/6/C1293/2014/sed-6-C1293-2014-supplement.zip>

C1293

Interactive comment on Solid Earth Discuss., 6, 2675, 2014.