

Interactive comment on “How to use mixed precision in Ocean Models” by Oriol Tintó Prims et al.

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There has been a lot of work on multiprecision scientific computing since the Baboulin et al. paper in 2009. A recent paper that could be cited is

```
@inproceedings{htdh18,  
  author = "Azzam Haidar and Stanimire Tomov and Jack Dongarra and  
           Nicholas J. Higham",  
  title = "Harnessing {GPU} Tensor Cores for Fast {FP16} Arithmetic to  
           Mixed-Precision Iterative Refinement Solvers",  
  booktitle = "Proceedings of the International Conference for High  
              Performance Computing, Networking, Storage, and Analysis",
```

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```
year = 2018,  
series = "SC '18 (Dallas, TX)",  
pages = "47:1--47:11",  
address = "Piscataway, NJ, USA",  
publisher = "IEEE Press",  
url = "http://dl.acm.org/citation.cfm?id=3291656.3291719"  
}
```

Interactive comment on Geosci. Model Dev. Discuss., <https://doi.org/10.5194/gmd-2019-20>, 2019.

GMDD

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