

Corrigendum to “A stable and conservative interface treatment of arbitrary spatial accuracy” [J.Comput.Phys.148(1999)341–365]

Mark H Carpenter, Jan Nordström and David Gottlieb

The self-archived postprint version of this journal article is available at Linköping University Institutional Repository (DiVA):

<http://urn.kb.se/resolve?urn=urn:nbn:se:liu:diva-142113>

N.B.: When citing this work, cite the original publication.

Carpenter, M. H, Nordström, J., Gottlieb, D., (2017), Corrigendum to “A stable and conservative interface treatment of arbitrary spatial accuracy” [J.Comput.Phys.148(1999)341–365], *Journal of Computational Physics*, 351, 534. <https://doi.org/10.1016/j.jcp.2017.09.052>

Original publication available at:

<https://doi.org/10.1016/j.jcp.2017.09.052>

Copyright: Elsevier

<http://www.elsevier.com/>



Corrigendum to
"A Stable and Conservative Interface Treatment of
Arbitrary Spatial Accuracy"¹
[JCP, 148, 1999, 341-365]

Mark H. Carpenter

*Computational Aerosciences Branch, NASA Langley Research Center,
Hampton, VA 23681, USA*

Jan Nordström²

*Department of Mathematics, Computational Mathematics, Linköping University,
SE-581 83 Linköping, Sweden*

David Gottlieb³

Division of Applied Mathematics, Brown University, Providence, Rhode Island, 02912

A few errors were recently discovered in the above mentioned publication.

The changes for the 6th order method in the paper read:

- The coefficient r_3 should be -609.05813881563 instead of -609.5813881563.
- The denominator in $p(1, 6)$ should be 108864000 instead of 188640000.
- The denominators in $p(1, 2)$ and $p(5, 6)$ should be 21772800 instead of 21722800.

The authors would like to apologise for any inconvenience caused.

Acknowledgement

The authors thank Dr José Javier Otero Pérez, Department of Mechanical Engineering, University of Melbourne, Victoria 3010, Australia for spotting and correcting the errors.

¹DOI of original article: <https://doi.org/10.1006/jcph.1998.6114>

²Corresponding author email: jan.nordstrom@liu.se

³David Gottlieb passed away December 8 2008.