

Publications by Jan Nordström

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5 most cited publications

(Google Scholar, Scopus, Web of Science)

1. M. H. Carpenter, J. Nordström & D. Gottlieb, A Stable and Conservative Interface Treatment of Arbitrary Spatial Accuracy, *Journal of Computational Physics*, Vol. 148 No. 2, pp. 341-365, 1999. Number of citations: (376, 271, 194)
2. K. Mattson & J. Nordström, Summation by parts operators for finite difference approximations of second derivatives, *Journal of Computational Physics*, Vol. 199, pp. 503-540, 2004. Number of citations: (270, 181, 139)
3. M. Svärd, M. H. Carpenter & J. Nordström, A Stable High-Order Finite Difference Scheme for the Compressible Navier-Stokes Equations, far-field boundary conditions, *Journal of Computational Physics*, Volume 225, Issue 1, Pages 1020-1038, 2007. Number of citations: (167, 126, 79)
4. M. Svärd & J. Nordström, On the Order of Accuracy for Difference Approximations of Initial-Boundary Value Problems, *Journal of Computational Physics*, Vol. 218, pp. 333-352, 2006. Number of citations: (166, 104, 91)
5. J. Nordström & M. H. Carpenter, Boundary and Interface Conditions for High Order Finite Difference Methods Applied to the Euler and Navier Stokes Equations, *Journal of Computational Physics*, Vol. 152 No. 2, pp. 621-645, 1999. Number of citations: (163, 108, 65)

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108. J. Nordström & H. Frenander, On long time error bounds for the wave equation on second order form, accepted in *Journal of Scientific Computing*.

107. S. Nikkar & J. Nordström, Summation-By-Parts Operators for Non-simply Connected Domains, accepted in SIAM Journal of Scientific Computing.
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100. F. Ghasemi & J. Nordström, Coupling Requirements for Multiphysics Problems Posed on Two Domains, SIAM Journal of Numerical Analysis, Vol 55, issue 6, pp. 2885-2904, 2017.
99. M. H. Carpenter, J. Nordström & D. Gottlieb, Corrigendum to "A stable and conservative interface treatment of arbitrary spatial accuracy" [J. Comput. Phys. 148 (1999) 341365], Journal of Computational Physics, Vol. 351, pp. 534, 2017.
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