

Matches: 22

Publications results for "Items authored by Sanders, Richard S. "

MR2484687 Reviewed Sanders, Richard; Tesdall, Allen M. The von Neumann triple point paradox. *Partial differential equations*, 113–128, [Comput. Methods Appl. Sci.](#), **16**, Springer, Dordrecht, 2008. [76L05 \(76M25\)](#)

 Find This Item

MR2407128 Reviewed Tesdall, Allen M.; Sanders, Richard; Keyfitz, Barbara L. Self-similar solutions for the triple point paradox in gasdynamics. *SIAM J. Appl. Math.* **68** (2008), no. 5, 1360–1377. [35L65 \(76L05 76N15\)](#)

 Find This Item

MR2330983 Reviewed Sanders, Richard An introduction to the finite volume method for the equations of gas dynamics. *Bol. Soc. Esp. Mat. Apl. S̄MA No. 38* (2007), 39–67. [76M12 \(65M06 76N15\)](#)

 Find This Item

MR2285865 Reviewed Tesdall, Allen M.; Sanders, Richard; Keyfitz, Barbara L. The triple point paradox for the nonlinear wave system. *SIAM J. Appl. Math.* **67** (2006/07), no. 2, 321–336. (Reviewer: Laurent E. Gosse) [35L65 \(65M06 76L05 76M25\)](#)

 Find This Item

MR2036001 Reviewed Keyfitz, Barbara Lee; Sanders, Richard; Sever, Michael Lack of hyperbolicity in the two-fluid model for two-phase incompressible flow. Nonlinear differential equations, mechanics and bifurcation (Durham, NC, 2002). *Discrete Contin. Dyn. Syst. Ser. B* **3** (2003), no. 4, 541–563. (Reviewer: Sergey L. Gavriluk) [76T99 \(35L65 35L67 76D99 76L05\)](#)

 Find This Item

MR2028851 Reviewed Sanders, Richard; Sever, Michael The numerical study of singular shocks regularized by small viscosity. Special issue in honor of the sixtieth birthday of Stanley Osher. *J. Sci. Comput.* **19** (2003), no. 1-3, 385–404. (Reviewer: De Kang Mao) [35L65 \(35L67 76L05 76M20\)](#)

 Find This Item

MR1645005 Reviewed Sanders, Richard; Morano, Eric; Druguet, Marie-Claude Multidimensional dissipation for upwind schemes: stability and applications to gas dynamics. *J. Comput. Phys.* **145** (1998), no. 2, 511–537. [76M20 \(65M06 76K05 80A32\)](#)

 Find This Item


MR1629842 Reviewed Amundson, N. R.; Morano, E.; Sanders, R. Techniques for the numerical solution of steady reaction-diffusion systems employing Stefan-Maxwell diffusion. *East-West J. Numer. Math.* **6** (1998), no. 1, 9–25. (Reviewer: Reinhard Redlinger) [65M60 \(76M25 80A32\)](#)

 Find This Item


MR1190873 Reviewed Fitzgibbon, W. E.; Morgan, J.; Sanders, R. Global existence and boundedness for a class of inhomogeneous semilinear parabolic systems. *Nonlinear Anal.* **19** (1992), no. 9, 885–899. (Reviewer: Lumin Jiang) [35K55 \(35B40\)](#)

 Find This Item

MR1174626 Reviewed Sanders, Richard; Weiser, Alan High resolution staggered mesh approach for nonlinear hyperbolic systems of conservation laws. *J. Comput. Phys.* **101** (1992), no. 2, 314–329. (Reviewer: Randall J. LeVeque) [65M50 \(35L65 65M06 65M12\)](#)

 Find This Item

MR1132025 Reviewed Fitzgibbon, W. E.; Morgan, J. J.; Sanders, R. S.; Waggoner, S. J. Estimates for spatio-temporally dependent reaction diffusion systems. *Delay differential equations and dynamical systems* (Claremont, CA, 1990), 130–146, [Lecture Notes in Math.](#), **1475**, Springer, Berlin, 1991. (Reviewer: Song Mu Zheng) [35K57 \(35B45 35K50\)](#)

 Find This Item

MR Publications results for Items authored by [Vedley, Alan](#) [http://americadeducationproxylib.umd.edu/mathscinet/](http://americandeducationproxylib.umd.edu/mathscinet/)
conservation laws in one space dimension. Proceedings of the Eighth International Conference on Computing Methods in Applied Sciences and Engineering (Versailles, 1987). [Comput. Methods Appl. Mech. Engrg. 75 \(1989\), no. 1-3](#), 91–107. (Reviewer: A. O. Oganessian) [65M06](#)

 [Find This Item](#)

[MR0935073](#) [Reviewed Sanders, Richard](#) A third-order accurate variation nonexpansive difference scheme for single nonlinear conservation laws. [Math. Comp. 51 \(1988\), no. 184](#), 535–558. (Reviewer: J. M. Sanz-Serna) [65M10 \(35L65\)](#)

 [Find This Item](#)

[MR0930028](#) [Reviewed Perthame, Benoît; Sanders, Richard](#) The Neumann problem for nonlinear second order singular perturbation problems. [SIAM J. Math. Anal. 19 \(1988\), no. 2](#), 295–311. (Reviewer: Lutz Tobiska) [35B25 \(35F30 35N10 65N15\)](#)

 [Find This Item](#)

[MR0888461](#) [Reviewed Prue, Howard; Sanders, Richard](#) On travelling-wave solutions to systems of conservation laws with singular viscosity. [Comm. Partial Differential Equations 12 \(1987\), no. 11](#), 1285–1307. (Reviewer: Alexander Doktor) [35K55 \(35L65 35Q10\)](#)

 [Find This Item](#)

[MR0876273](#) [Reviewed Lorenz, Jens; Sanders, Richard](#) On the rate of convergence of viscosity solutions for boundary value problems. [SIAM J. Math. Anal. 18 \(1987\), no. 2](#), 306–320. (Reviewer: J. Švejda) [34D15 \(34E15 65L10\)](#)

 [Find This Item](#)


[MR0838242](#) [Reviewed Lorenz, Jens; Sanders, Richard](#) Second order nonlinear singular perturbation problems with boundary conditions of mixed type. [SIAM J. Math. Anal. 17 \(1986\), no. 3](#), 580–594. (Reviewer: Walter G. Kelley) [34E15 \(34B15\)](#)

 [Find This Item](#)


[MR0818789](#) [Reviewed Sanders, Richard](#) Finite difference techniques for nonlinear hyperbolic conservation laws. *Large-scale computations in fluid mechanics, Part 2 (La Jolla, Calif., 1983)*, 209–220, [Lectures in Appl. Math., 22-2](#), Amer. Math. Soc., Providence, RI, 1985. (Reviewer: Luciano Biasini) [65M10](#)

 [Find This Item](#)

[MR0813602](#) [Reviewed Sanders, Richard](#) L^1 stability of solutions to certain linear parabolic equations in divergence form. [J. Math. Anal. Appl. 112 \(1985\), no. 2](#), 335–346. (Reviewer: R. Guenther) [35B35 \(35K15\)](#)

 [Find This Item](#)

[MR0795949](#) [Reviewed Sanders, Richard](#) The moving grid method for nonlinear hyperbolic conservation laws. [SIAM J. Numer. Anal. 22 \(1985\), no. 4](#), 713–728. [65M10](#)

 [Find This Item](#)

[MR0717689](#) [Reviewed Osher, Stanley; Sanders, Richard](#) Numerical approximations to nonlinear conservation laws with locally varying time and space grids. [Math. Comp. 41 \(1983\), no. 164](#), 321–336. (Reviewer: Darrell L. Hicks) [65M10 \(65M05 76-08\)](#)

 [Find This Item](#)

[MR0679435](#) [Reviewed Sanders, Richard](#) On convergence of monotone finite difference schemes with variable spatial differencing. [Math. Comp. 40 \(1983\), no. 161](#), 91–106. [65M05 \(65M10 65M15\)](#)

 [Find This Item](#)

Mirror Sites

© Copyright 2015, American Mathematical Society
[Privacy Statement](#)

