

M Paul Laiu

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

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1937685

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citing authors

#	ARTICLE	IF	CITATIONS
1	A DG-IMEX Method for Two-moment Neutrino Transport: Nonlinear Solvers for Neutrino-Matter Coupling*. <i>Astrophysical Journal, Supplement Series</i> , 2021, 253, 52.	7.7	12
2	A fast implicit solver for semiconductor models in one space dimension. <i>Journal of Computational Physics</i> , 2020, 417, 109567.	3.8	4
3	thornado-transport: Anderson- and GPU-accelerated nonlinear solvers for neutrino-matter coupling1. <i>Journal of Physics: Conference Series</i> , 2020, 1623, 012013.	0.4	2
4	Positivity Limiters for Filtered Spectral Approximations of Linear Kinetic Transport Equations. <i>Journal of Scientific Computing</i> , 2019, 78, 918-950.	2.3	6
5	A Positive Asymptotic-Preserving Scheme for Linear Kinetic Transport Equations. <i>SIAM Journal of Scientific Computing</i> , 2019, 41, A1500-A1526.	2.8	7
6	A constraint-reduced MPC algorithm for convex quadratic programming, with a modified active set identification scheme. <i>Computational Optimization and Applications</i> , 2019, 72, 727-768.	1.6	5
7	Positive Filtered P _N Moment Closures for Linear Kinetic Equations. <i>SIAM Journal on Numerical Analysis</i> , 2016, 54, 3214-3238.	2.3	16
8	An infeasible-start framework for convex quadratic optimization, with application to constraint-reduced interior-point and other methods. <i>Mathematical Programming</i> , 0, , 1.	2.4	0