

Eric Ngondiep

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A robust numerical two-level second-order explicit approach to predicting the spread of Covid-2019 pandemic with undetected infectious cases. Journal of Computational and Applied Mathematics, 2022, 403, 113852.	2.0	11
2	Unconditional stability over long time intervals of a two-level coupled MacCormack/Crank-Nicolson method for evolutionary mixed Stokes-Darcy model. Journal of Computational and Applied Mathematics, 2022, 409, 114148.	2.0	10
3	A two-level fourth-order approach for time-fractional convection-diffusion-reaction equation with variable coefficients. Communications in Nonlinear Science and Numerical Simulation, 2022, 111, 106444.	3.3	10
4	A novel three-level time-split MacCormack scheme for two-dimensional evolutionary linear convection-diffusion-reaction equation with source term. International Journal of Computer Mathematics, 2021, 98, 47-74.	1.8	12
5	A fourth-order two-level factored implicit scheme for solving two-dimensional unsteady transport equation with time-dependent dispersion coefficients. International Journal for Computational Methods in Engineering Science and Mechanics, 2021, 22, 253-264.	2.1	8
6	An efficient three-level explicit time-split scheme for solving two-dimensional unsteady nonlinear coupled Burgers' equations. International Journal for Numerical Methods in Fluids, 2020, 92, 266-284.	1.6	16
7	A three-level time-split MacCormack method for two-dimensional nonlinear reaction-diffusion equations. International Journal for Numerical Methods in Fluids, 2020, 92, 1681-1706.	1.6	10
8	Long time unconditional stability of a two-level hybrid method for nonstationary incompressible Navier-Stokes equations. Journal of Computational and Applied Mathematics, 2019, 345, 501-514.	2.0	15
9	Stability analysis of MacCormack rapid solver method for evolutionary Stokes-Darcy problem. Journal of Computational and Applied Mathematics, 2019, 345, 269-285.	2.0	15
10	Spectral Distribution in the Eigenvalues Sequence of Products of g-Toeplitz Structures. Numerical Mathematics, 2019, 12, 750-777.	1.3	0
11	Long time stability and convergence rate of MacCormack rapid solver method for nonstationary Stokes-Darcy problem. Computers and Mathematics With Applications, 2018, 75, 3663-3684.	2.7	16
12	How to determine the eigenvalues of g-circulant matrices. Operators and Matrices, 2018, , 797-822.	0.3	2
13	Distribution in the sense of eigenvalues of \mathbf{g} -Toeplitz sequences via \mathbf{g} -circulants. Applied Mathematics, 2012, 236, 2090-2111.	0.4	1
14	A note on the (regularizing) preconditioning of \mathbf{g} -Toeplitz sequences via \mathbf{g} -circulants. Journal of Computational and Applied Mathematics, 2012, 236, 2090-2111.	2.0	6
15	Spectral Features and Asymptotic Properties for \mathbf{g} -Circulants and \mathbf{g} -Toeplitz Sequences. SIAM Journal on Matrix Analysis and Applications, 2010, 31, 1663-1687.	1.4	27