

Artículos

Autor(es)	Año	Publicación (referencia bibliográfica completa)
Carlos Banquet, Élder J. Villamizar-Roa	2020	On the management fourth-order Schrödinger-Hartree equation. Evolution Equations & Control Theory, 2020, 9 (3): 865-889. doi: 10.3934/eect.2020037
Anaya, V.; Bouharguane, A.; Mora, D.; Reales, C.; Ruiz-Baier, R.; Seloula, N.; Torres, H.	2019	Analysis and Approximation of a Vorticity–Velocity–Pressure Formulation for the Oseen Equations. J Sci Comput 80, 1577–1606 (2019). https://doi.org/10.1007/s10915-019-00990-7
Jerson Borja, Luis Rubio, Fabian Arias	2019	Counting integers representable as images of polynomials modulo n, Journal Integer Sequences, Vol. 22.
Anaya, Verónica; Mora, David; Reales, Carlos; Ruiz-Baier, Ricardo	2019	Vorticity-pressure formulations for the Brinkman-Darcy coupled problem, Numerical Methods For Partial Differential Equations ISSN: 1098-2426, 2019 vol:35 fasc: 2 págs: 528 - 544
Andrés Ángel y Jerson Borja	2019	The evasiveness conjecture and graphs $2p$ vértices. J. Graph Theory, John Wiley & Sons Vol 91, No. 1 35-52 (2019) https://doi.org/10.1002/jgt.22419
Vélez-Langs O., Caicedo-Castro I.	2019	Recommender Systems for an Enhanced Mobile e-Learning. In: Stephanidis C. (eds) HCI International 2019 – Late Breaking Papers. HCII 2019. Lecture Notes in Computer Science, vol 11786. Springer, Cham. https://doi.org/10.1007/978-3-030-30033-3_28
Banquet, C., Élder J. Villamizar-Roa	2019	Existence Theory for the Boussinesq Equation in Modulation Spaces. Bull Braz Math Soc, New Series (2019). https://doi.org/10.1007/s00574-019-00188-3
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Carlos Banquet, Elder Villamizar y Lucas Ferreira	2017	Solutions in Bessel potential spaces for wave equations with nonlinear damping. Estados Unidos, Mathematical Methods in the Applied Sciences ISSN: 1099-1476, 2017 vol:40 fasc: NA págs: 5613 - 5618
Abraham Arenas Tawil	2017	Positivity and Boundedness of Solutions for a Stochastic Seasonal Epidemiological Model for Respiratory Syncytial Virus (RSV) Colombia, Ingeniería Y Ciencia ISSN: 1794-9165, 2017 vol:13 fasc: págs: 95 - 121
Carlos Reales	2017	Mixed Methods for a Stream-Function, Vorticity Formulation of the Axisymmetric Brinkman Equations, Esaim-Mathematical Modelling And Numerical Analysis-Modelisation Mathematique Et Analyse Numerique ISSN: 0764-583X, 2017 vol:71 fasc: 1 págs: 348 - 364
Abraham Arenas Tawil y Nicolas de la Espriella	2016	Magnetic properties of an ising ferromagnetic model on a square lattice with next-nearest-neighbor and crystal field interactions Colombia, Journal of Magnetism and Magnetic Materials ISSN: 0304-8853, 2016 vol:417 fasc: págs: 434 - 441
Carlos Banquet y Elder Villamizar	2016	On the Schrodinger equations with isotropic and anisotropic fourth-order dispersion Estados Unidos, Electronic Journal of Differential Equations ISSN: 1072-6691, 2016 vol:2016 fasc: 13 págs: 1 - 20
ABRAHAM JOSE ARENAS TAWIL, GILBERTO GONZALEZ PARRA, BENITO CHEN CHARPENTIER	2016	Fractional order financial models for awareness and trial advertising decisions Colombia, Computational Economics ISSN: 1572-9974, 2016 vol:48 fasc: págs: 555 - 568

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ABRAHAM JOSE ARENAS TAWIL, GILBERTO GONZALEZ PARRA, BENITO CHEN CHARPENTIER	2016	Construction of nonstandard finite difference schemes for the SI and SIR epidemic models of fractional order Estados Unidos, Mathematics and Computers in Simulation ISSN: 0378-4754, 2016 vol:121 fasc: págs: 48 - 63
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Carlos Banquet y Jaime Angulo	2015	Instability of periodic traveling waves for the symmetric regularized long wave equation Japón, Nagoya Mathematical Journal ISSN: 0027-7630, 2015 vol:219 fasc: N/A págs: 235 - 268
Carlos Banquet, Elder Villamizar y Lucas Ferreira	2015	On existence and scattering theory for the Klein-Gordon-Schrödinger system in an infinite L^2 -norm setting Italia, Annali di Matematica Pura ed Applicata ISSN: 0373-3114, 2015 vol:194 fasc: 3 págs: 781 - 804
Carlos Reales	2015	Stabilized mixed approximation of axisymmetric Brinkman flows. Francia, Esaim-Mathematical Modelling And Numerical Analysis-Modelisation Mathematique Et Analyse Numerique ISSN: 0764-583X, 2015 vol:49 fasc: 3 págs: 855 - 874
Abraham Arenas Tawil	2015	Analytical-numerical solution under uncertainty conditions of a parabolic diffusion equation, Ingeniería Y Ciencia ISSN: 1794-9165, 2015 vol:11 fasc: 22 págs: 49 - 72
Abraham Arenas Tawil	2014	A Mathematical Model for Social Security Systems with Dynamical Systems, Ingeniería Y Ciencia ISSN: 1794-9165, 2014 vol:10 fasc: 19 págs: 33 - 53

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ABRAHAM JOSE ARENAS TAWIL, GILBERTO GONZALEZ PARRA, BENITO CHEN CHARPENTIER	2014	Polynomial chaos for random fractional order differential equations Estados Unidos, Applied Mathematics and Computation ISSN: 0096-3003, 2014 vol:226 fasc: 1 págs: 123 - 130,
ABRAHAM JOSE ARENAS TAWIL, GILBERTO GONZALEZ PARRA	2014	A nonstandard finite difference numerical scheme applied to a mathematical model of the prevalence of smoking in spain Brasil, Computational & Applied Mathematics ISSN: 1807-0302, 2014 vol:33 fasc: 1 págs: 13 - 25
Abraham Arenas Tawil	2014	A fractional order epidemic model for the simulation of outbreaks of influenza {A(H1N1), Mathematical Methods in the Applied Sciences ISSN: 1099-1476, 2014 vol:37 fasc: págs: 2218 - 2226 Autores: ABRAHAM JOSE ARENAS TAWIL,