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	Título	Autor(es)	Journal
1	Class-closing factor codes and constant-class-to-one factor codes from shifts of finite type	Allahbakhshi, M., Hong, S., Jung, U.	Dynamical Systems: an international journal, 30 (4), pp. 485-500
2	Ellis enveloping semigroup for almost canonical model sets of an Euclidean space	Aujogue, J.-B.	Algebraic and Geometric Topology, 15 (4), A009, pp. 2195-2237.
3	On embedding of repetitive Meyer multiple sets into model multiple sets	Aujogue, J.-B.	Ergodic Theory and Dynamical Systems
4	Eigenvalues and strong orbit equivalence	Cortez, M.I., Durand, F., Petite, S.	Ergodic Theory and Dynamical Systems
5	Reinforcement Learning with Restrictions on the Action Set	Bravo, M., Faure, M.	SIAM Journal on Control and Optimization, 53(1), 287–312
6	An a posteriori error estimator for a new stabilized formulation of the Brinkman problem	Barrios, T., Bustinza, R., García, G., González, M.	In book: Numerical Mathematics and Advanced Applications - ENUMATH 2013, Editors: A. Addulle, S. Deparis, D. Kressner, F. Nobile, M. Picasso, Lecture Notes in Computational Science and Engineering, Vol 103, pp. 253-261, Springer International Publishing Switzerland, 2015. SCOPUS.
7	Large global-in-time solutions of the parabolic-parabolic Keller-Segel system on the plane	Biler, P., Guerra, I., Karch, G.	Communications on Pure and Applied Analysis, 14 (6), pp. 2117-2126.
8	Multiplicity of solutions to nearly critical elliptic equation in the bounded domain of R3	Chen, W., Guerra, I.	Journal of Mathematical Analysis and Applications, 424 (1), pp. 179-200.
9	Controllability of Abstract Systems of Fractional Order	Mur, T., Henríquez, H.R.	Fractional Calculus and Applied Analysis, 18 (6), pp. 1379-1398
10	Global Solutions for Abstract Differential Equations with Non-Instantaneous Impulses	Pierri, M., Henríquez, H.R., Prokopczyk, A.	Journal of Dynamics and Differential Equations, Article in Press
11	Existence of S-asymptotically ω-periodic solutions to abstract integro-differential equations	Dos Santos, J.P.C., Henríquez, H.R.	Mediterranean Journal of Mathematics, Article in Press
12	Almost periodic solutions of partial differential equations with delay	Henríquez, H.R., Cuevas, C., Caicedo, A.	Applied Mathematics and Computation, 256, pp. 109-118.
13	Relative controllability of linear systems of fractional order with delay	Authors of Document Mur, T., Henriquez, H.R.	Advances in Difference Equations, 2015 (1)
14	Controllability and stabilizability of linear time-varying distributed hereditary control systems	Henríquez, H.R., Prokopczyk, A.	Mathematical Control and Related Fields, 5 (4), pp. 845-858
15	Weighted pseudo almost periodic solutions to a class of semilinear integro-differential equations in Banach spaces	Lizama, C., Alvarez-Pardo, E.	Mathematical Methods in the Applied Sciences, 38 (11), pp. 2250-2271
16	lp-maximal regularity for fractional difference equations on UMD spaces	Lizama, C.	Mathematische Nachrichten, 288 (17/18) (2015), 2079-2092.
17	Addendum to "Almost automorphic solutions of dynamic equations on time scales"	Lizama, C., Mesquita, J.	Source of the Document Journal of Functional Analysis, Article in Press .
18	Weighted pseudo almost automorphic mild solutions for two-term fractional order differential equations	Alvarez-Pardo, E., Lizama, C.	Advances in Difference Equations, 13 (2015), 1-18.
19	On a connection between the discrete fractional Laplacian and superdiffusion	Ciaurri, Ó., Lizama, C., Roncal, L., Varona, J.L.	Applied Mathematics Letters, 49, 4791, pp. 119-125.

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20	Weighted pseudo antiperiodic solutions for fractional integro-differential equations in Banach spaces	Alvarez, E., Lizama, C., Ponce, R.	Applied Mathematics and Computation, 259, 20809, pp. 164-172.
21	Abstract volterra equations with state-dependent delay	Lizama, C., Pilar Velasco, M.	Journal of Integral Equations and Applications, 27 (2), pp. 219-231.
22	Chaotic behaviour of the solutions of the Moore-Gibson-Thompson equation	Conejero, J.A., Lizama, C., Rodenas, F.	Applied Mathematics and Information Sciences, 9 (5), pp. 2233-2238.
23	Editorial asymptotic behavior of nonlinear evolution equations	Authors of Document Ding, H.-S., Lizama, C., N'guérékata, G.M., Cuevas, C.	Abstract and Applied Analysis, 2015, 430238.
24	Influence of bullying on the quality of life perception of Chilean students | [Bullying y calidad de vida relacionada con la salud en adolescentes escolares Chilenos]	Hidalgo-Rasmussen, C., Molina, T., Molina, R., Montaño, R., González, E., George, M.	Revista Medica de Chile, 143 (6), pp. 716-723
25	A geometric path from zero Lyapunov exponents to rotation cocycles	Bochi, Jairo; Navas, Andrés	Ergodic Theory Dynam. Systems 35 (2015), no. 2, 374–402.
26	Algunas consideraciones geométricas sobre el diseño de la bandera de la Independencia de Chile	Navas, A.	Revista Bicentenario.
27	Differential Equations with Infinitely Many Derivatives	Carlsson, M., Prado, H., Reyes, E.	Annales Henri Poincare.
28	A priori bounds and existence of solutions for slightly superlinear elliptic problems.	García-Melián, J.; Iturriaga, L.; Ramos Quoirin, H.	Adv. Nonlinear Stud. 15 (2015), no. 4, 923–938.
29	Positive solutions for some indefinite nonlinear eigenvalue elliptic problems with Robin boundary conditions.	Ramos Quoirin, Humberto; Suárez, Antonio	Nonlinear Anal. 114, 74–86
30	Small perturbations of an indefinite elliptic equation.	Ramos Quoirin, Humberto	Math. Nachr. 288, no. 14-15, 1727–1740.
31	Bifurcation for a logistic elliptic equation with nonlinear boundary conditions: a limiting case	Ramos Quoirin, Humberto; Umezu, Kenichiro	J. Math. Anal. Appl. 428, no. 2, 1265–1285.
32	Massey products, A∞-algebras, differential equations, and Chekanov homology	Mendoza, L., Reyes, E.G.	Journal of Nonlinear Mathematical Physics, 22 (3), pp. 342-360.
33	Sobolev spaces on locally compact abelian groups and the bosonic string equation	Gorka, P., Reyes, E.G.	Journal of the Australian Mathematical Society 98 (1), pp. 39-53
34	The Ehlers-Geroch theorem on geodesic motion in general relativity	Bezares, M., Palomera, G., Pons, D.J., Reyes, E.G.	International Journal of Geometric Methods in Modern Physics, 12 (3), 1550034.
35	Formal Pseudodifferential Operators in One and Several Variables, Central Extensions, and Integrable Systems	Beltran, J., Reyes, E.G.	Advances in Mathematical Physics, 2015, 210346
36	Equations of Camassa-Holm type and the geometry of loop groups	Górka, P., Pons, D.J., Reyes, E.G.	Journal of Geometry and Physics, 87, pp. 190-197

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37	Differential immune gene expression profiles in susceptible and resistant full-sibling families of Atlantic salmon (Salmo salar) challenged with infectious pancreatic necrosis virus (IPNV)	Reyes-López, F.E., Romeo, J.S., Vallejos-Vidal, E., (...), Mackenzie, S., Imarai, M.	Developmental and Comparative Immunology, 53 (1), pp. 210-221
38	Bayesian approach for modelling bivariate survival data through the PVF copula.	Romeo, J.S., Meyer, R.	Biometrical Journal, 57 (6), pp. 982-1001
39	Bayesian semiparametric analysis of recurrent failure time data using copulas	Meyer, R., Romeo, J.S.	In Friedl, H. and Wagner, H. (Eds.), Proceedings of the 30th International Workshop on Statistical Modelling, vol. 2. Linz, Austria, 239-242.
40	Bisection for genus 2 curves with a real model	Miret, J. M.; Pujolas, J.; Theriault, N.	Bull. Belg. Math. Soc. Simon Stevin, Volume 22, Number 4 (2015), 589-602.
41	Uniform Equicontinuity for a Family of Zero Order Operators Approaching the Fractional Laplacian	Felmer, P., Topp, E.	Communications in Partial Differential Equations, 40 (9), pp. 1591-1618
42	STANOVA: a smoothed-ANOVA-based model for spatio-temporal disease mapping	Torres-Avilés, F., Martinez-Beneito, M.A.	Stochastic Environmental Research and Risk Assessment, 29 (1), pp. 131-141
43	Lung cancer mortality trends in Chile and six-year Projections using Bayesian dynamic linear models | [Mortalidade por câncer de pulmão no Chile: Tendência e projeção de seis anos com modelos lineares dinâmicos bayesianos]	Torres-Avilés, F., Moraga, T., Núñez, L., Icaza, G.	Cadernos de Saude Publica, 31 (9), pp. 1975-1982.
44	Bayesian inference on the memory parameter for gamma-modulated regression models	Andrade, P., Rifo, L., Torres, S., Torres-Avilés, F.	Entropy, 17 (10), pp. 6576-6597.
45	Localization properties of transmission lines with generalized Thue-Morse distribution of inductances	Lazo, E., Saavedra, E., Humire, F., Castro, C., Cortés-Cortés, F.	European Physical Journal B, 88 (9), 216.
46	Local minimizers in spaces of symmetric functions and applications	Iturriaga, L., Moreira dos Santos, E., Ubilla, P.	Journal of Mathematical Analysis and Applications, 429 (1), pp. 27-56