# Artigos completos publicados em periódicos - 2018.

# Programa de Pós-Graduação em Matemática Pura e Aplicada - Universidade Federal de São Paulo

1. BIANCHI, A.; WILSON, E. Bases for local Weyl modules for the hyper and truncated current -algebras. JOURNAL OF ALGEBRA, v. 506, p. 509-539, 2018.

2. FABRETI, LUIZA GUIMARÃES ; CASTRO, DIOGO ; GORZONI, BRUNO ; JANINI, LUIZ MARIO RAMOS ; ANTONELI, FERNANDO . Stochastic Modeling and Simulation of Viral Evolution. BULLETIN OF MATHEMATICAL BIOLOGY, v. 81, p. 1031-1069, 2018.

3. ANTONELI, FERNANDO; GOLUBITSKY, MARTIN ; STEWART, IAN . Homeostasis in a feed forward loop gene regulatory motif. JOURNAL OF THEORETICAL BIOLOGY, v. 445, p. 103-109, 2018.

4. ANTONELI, FERNANDO; PASSOS, FERNANDO M. ; LOPES, LUCIANO R. ; BRIONES, MARCELO R. S. . A Kolmogorov-Smirnov test for the molecular clock based on Bayesian ensembles of phylogenies. PLoS One, v. 13, p. e0190826, 2018.

5. Aragão, Gleiciane S.; BEZERRA, FLANK D.M. . Upper semicontinuity of the pullback attractors of non-autonomous damped wave equations with terms concentrating on the boundary. JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, v. 462, p. 871-899, 2018.

6. STRAPASSON, JOÃO E. ; Jorge, Grasiele C. ; CAMPELLO, ANTONIO ; COSTA, SUELI I. R. . Quasi-perfect codes in the l_p metric. COMPUTATIONAL & APPLIED MATHEMATICS, v. 37, p. 852-866, 2018.

7. Candido, Leandro. On the distortion of a linear embedding of C ( K ) into a C 0 ( , X ) space. JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, v. 459, p. 1201-1207, 2018.

8. SPERANÇA, LLOHANN D.. On Riemannian Foliations over Positively Curved Manifolds. JOURNAL OF GEOMETRIC ANALYSIS, v. 28(3), p. 2206-2224, 2018.

9. AZEVEDO, A. T. ; Chaves, Antônio Augusto ; Moretti, Antonio Carlos ; Salles-Neto, L. L. . Solving the 3D Stowage Planning Problem integrated with the Quay Crane Scheduling Problem by Representation by Rules and Genetic Algorithm. APPLIED SOFT COMPUTING, p. 1-34, 2018.

10. MARTIN, M. P. ; Moretti, Antonio Carlos ; RUGGIERO, M. G. ; Salles-Neto, L. L. . Modification of Haessler?s sequential heuristic procedure for the one-dimensional cutting stock problem with setup cost. Produção (São Paulo), v. 28, p. 1-11, 2018.

11. BERNARDES, NILSON C. ; CIRILO, PATRICIA R. ; DARJI, UDAYAN B. ; MESSAOUDI, ALI ; PUJALS, ENRIQUE R. . Expansivity and shadowing in linear dynamics. JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS, v. 461 (1), p. 796-816, 2018.

12. DA SILVA, R.. New Identities from a Combinatorial Approach to Generalized Fibonacci and Generalized Lucas Numbers. ARS COMBINATORIA, v. 137, p. 103-111, 2018.

13. Da Silva, Robson; DE OLIVEIRA, KELVIN SOUZA ; DA GRAÇA NETO, ALMIR CUNHA . On a four-parameter generalization of some special sequences. DISCRETE APPLIED MATHEMATICS, v. 243, p. 154-171, 2018.

14. CARVALHO, J. P. S. ; SANTOS, J. CARDOSO DOS ; Prado, A. F. B. A. ; De Moraes, R. Vilhena . Some characteristics of orbits for a spacecraft around Mercury. COMPUTATIONAL & APPLIED MATHEMATICS, v. 37, p. 267-281, 2018.

15. DE ALMEIDA, A. K. ; DE ALMEIDA PRADO, A. F. B. ; De Moraes, R. Vilhena ; LARA, M. . Analyzing -integral indices- to quantify the effects of a perturbing force in the harmonic and Duffing oscillators. COMPUTATIONAL & APPLIED MATHEMATICS, v. 37, p. 7-15, 2018.

16. FORMIGA, JORGE KENNETY S. ; GOMES, VIVIAN MARTINS ; de Moraes, Rodolpho Vilhena . Orbital effects in a cloud of space debris making a close approach with the earth. COMPUTATIONAL & APPLIED MATHEMATICS, v. 37, p. 133-143, 2018.

17. FERREIRA, A. F. S. ; Vilhena de Moraes, R. ; Prado, A. F. B. A. ; WINTER, O C . Trajectory analysis of a spacecraft making a three-dimensional powered Swing-By maneuver.. ADVANCES IN THE ASTRONAUTICAL SCIENCES, v. 167, p. 1107-1122, 2018.

18. TRESACO, EVA ; CARVALHO, J. P. S. ; ELIPE, A. ; Prado, A. F. B. A. ; Vilhena de Moraes, R. . Averaged model to study long-term dynamics of a probe about Mercury. CELESTIAL MECHANICS & DYNAMICAL ASTRONOMY, v. 130, p. 1, 2018.

19. CENTRONE, LUCIO ; de Mello, T. C. . On the factorization of $$T_G$$ T G -ideals of graded matrix algebras. CONTRIBUTIONS TO ALGEBRA AND GEOMETRY/BEITRAGE ZUR ALGEBRA UND GEOMETRIE, v. 59, p. 597-615, 2018.

20. GONÇALVES FONSECA, LUÍS FELIPE ; de Mello, T. C. . Degree-inverting involutions on matrix algebras. LINEAR & MULTILINEAR ALGEBRA, v. 66, p. 1104-1120, 2018.

21. MACEDO, T. ; DE MELLO, THIAGO CASTILHO . Automorphisms of Ideals of Polynomial Rings. BULLETIN OF THE BRAZILIAN MATHEMATICAL SOCIETY, v. 49, p. 1-15, 2018.

22. GONÇALVES FONSECA, LUÍS FELIPE ; de Mello, T. C. . Graded polynomial identities for matrices with the transpose involution over an infinite field. COMMUNICATIONS IN ALGEBRA, v. 46, p. 1630-1640, 2018.

23. FERNANDES, S. S. ; CARVALHO, F. C. ; ROMÃO, J. V. B. . A Numerical-Analytical Approach Based on Canonical Transformation for Computing Optimal Low-Thrust Transfer. REVISTA MEXICANA DE ASTRONOMIA Y ASTROFISICA, 2018.