



## Curso 2002-2003

- Acosta, Becerra y Ruiz, Numerical-radius-attaining polynomials, *Quart. J. Math.* 54 (2003), 1-10.
- Acosta, Becerra y Ruiz, Characterizations of reflexive spaces in the spirit of James' theorem, *Contemporary Math.* 321 (2003), 1-14.
- Alaminos, Payá y Villena, Norm attaining bilinear forms on  $C^*$ -algebras, *Studia math.* 157 (1) (2003), 47-56.
- Aparicio y Villena, Continuity of operators intertwining with convolution operators, *J. Functional Analysis* 196 (2002), 155-161.
- Bandyopadhyay, Fonf, Lin y martin, Structure of nested sequences of balls in Banach spaces, *Houston J. Math.* Vol 29, nº 1 (2003), 173-193.
- Becerra, López y Rodríguez, Relatively weakly open sets in closed balls of  $C^*$ -algebras, *J. London Math. Soc.* 68 (2003), 753-761.
- Becerra y Rodríguez, Strong subdifferentiability of the norm on  $JB^*$ -triples, *Quarterly Math. (Oxford)* 54 (2003), 381-390.
- Becerra, Rodríguez y Wood, Banach spaces whose álgebras of operators are unitary: a holomorphic approach, *Bull. London Math. Soc.* 35 (2003), 218-224.
- Bonheure, Fabry y D. Ruiz, Problems at resonance for equations with periodic nonlinearities, *Nonlinear Analysis*, 55 (2003), 557-581.
- Bresar, Eremita y Villena, Functional identities in Jordan Álgebras: associating traces and Lie triple isomorphisms, *Comm. Álgebra* Vol 31, nº 3, (2003), 1207-1234.
- Bresar y Villena, The noncommutative Singer-Wermer conjecture and  $f$ -derivations, *J. London Math. Soc.* 66 (2002), 710-720.
- Bunce y Peralta, The alternative Dunford-Pettis property in  $C^*$ -algebras and von Neumann preduals, *Proc. Amer. Math. Soc.* 131, nº 4 (2003), 1251-1255.
- Bunce y Peralta, Images of contractive projections on operators álgebras, *J. Math. Analysis and Applications* 272, nº 1 (2002), 55-66.
- Cabrera, Ideals which memorize the extended centroid, *Journal of Algebra and its applications*, vol1, nº 3 (2002), 281-288.
- Cabrera y Mohammed, Álgebras of quotients with bounded evaluation of a normed semiprime álgebra, *Studia Math.* 154 (2), (2003), 113-135.
- Cañada y Ruiz, Resonant problems with multidimensional kernel and periodic nonlinearities, *Differential and integral equation* 16 (2003), 499-512.
- Cedilnic y Rodríguez, Continuity of homomorphisms into complete normed algebraic algebras, *J. Algebra* 264 (2003), 6-14.
- Extremera, Mena y Villena, Uniqueness of norm on  $L^{\wedge}(G)$  and  $C(G)$  when  $G$  is a compact group, *J. Functional Analysis* 197 (2003), 212-227.
- Finet, Martin y Payá, Numerical index and renorming, *Proc. Amer. Math. Soc.* 131 (2003), 871-877.

- Jiménez-Vargas, Mena Jurado y Navarro Pascual, Lipschitz mappings on the unit sphere of an infinite-dimensional normed space, *Archiv Math.* 79 (2002), 379-384.
- Jiménez-Vargas, Mena Jurado, Navarro-Pascual y Sánchez-Lirola, Means of extreme points and F-spaces, *J. Math. Anal. Appl.* 283 (2003), 696-704.
- Martín, Banach spaces having the Radon-Nikodym property and numerical index 1, *Proc. Amer. Math. Soc.* 131 (2003), 3407-3410.
- Martín y Villena, Numerical index and the Daugavet property for  $L^\infty(m, X)$ , *Proc. Edinburgh Math. Soc.* 46 (2003), 415-420.
- Mathieu y Villena, The structure of Lie derivations on  $C^*$ -algebras, *J. Functional Analysis* 202 (2003), 504-525.
- Moreno y Rodríguez, On the Zel'manovian classification of prime  $JB^*$ - and  $JBW^*$ -triples, *Comm. In Algebra* 31 (2003), 1301-1328.
- Nieto y Rivas, On M-structure, the asymptotic-norming property and locally uniformly rotund renormings, *Ark. Mat.* 40 (2002), 323-333.
- Peralta, On the axiomatic definition of real  $JB^*$ -triples, *Mathematische Nachrichten* 256, (2003), 100-106.
- Rodríguez y Velasco, Continuity of homomorphisms and derivations on normed algebras which are tensor products of algebras with involutions, *Rocky Mountain J. Math.* 32 (2003), 1045-1055.
- Rodríguez y Velasco, A non-associative Rickart's dense-range-homomorphism theorem, *Quarterly J. Math. (Oxford)* 54 (2003), 367-376.
- Ruiz y Willem, Elliptic problems with critical exponent and Hardy potentials, *J. Diff. Eq.* 190 (2003), 524-538.
- Villena, Epimorphisms onto derivation algebras, *Proc. Edinburgh Math. Soc.* 46 (2003), 379-382.