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(2018)

MR3771145 Lacruz, Miguel ; León-Saavedra, Fernando ; Petrovic, Srdjan ; Rodríguez-Piazza, Luis . Composition operators with a minimal commutant. *Adv. Math.* 328 (2018), 890--927.

MR3784512 García-Pacheco, F. J. ; Puglisi, D. Lineability of functionals and renormings. *Bull. Belg. Math. Soc. Simon Stevin* 25 (2018), no. 1, 141--147.

MR3759385 Cobos Sánchez, Clemente ; García-Pacheco, Francisco Javier ; Guerrero Rodriguez, Jose Maria ; Hill, Justin Robert . An inverse boundary element method computational framework for designing optimal TMS coils. *Eng. Anal. Bound. Elem.* 88 (2018), 156--169.

(2017)

MR3730352 García-Pacheco, Francisco Javier . The AHSP is inherited by E-summands. *Adv. Oper. Theory* 2 (2017), no. 1, 17--20.

MR3717174 Cobos-Sánchez, Clemente ; García-Pacheco, Francisco Javier ; Moreno-Pulido, Soledad ; Sáez-Martínez, Sol . Supporting vectors of continuous linear operators. *Ann. Funct. Anal.* 8 (2017), no. 4, 520--530.

MR3660407 García-Pacheco, Francisco Javier . Complementation of the subspace of G-invariant vectors. *J. Algebra Appl.* 16 (2017), no. 7, 1750124, 7 pp.

MR3598746 Acosta, María D. ; Aron, Richard Martin ; García-Pacheco, Francisco Javier . The approximate hyperplane series property and related properties. *Banach J. Math. Anal.* 11 (2017), no. 2, 295--310.

MR3545244 García-Pacheco, Francisco Javier ; Puglisi, Daniele . Renormings concerning the lineability of the norm-attaining functionals. *J. Math. Anal. Appl.* 445 (2017), no. 2, 1321--1327.

(2016)

MR3535777 Lacruz, Miguel ; León-Saavedra, Fernando ; Muñoz-Molina, Luis J. Extended eigenvalues for bilateral weighted shifts. *J. Math. Anal. Appl.* 444 (2016), no. 2, 1591--1602.

MR3653805 García-Pacheco, F. J. ; Miralles, A. ; Puglisi, D. Selectors of the duality mapping. *Math. Proc. R. Ir. Acad.* 116A (2016), no. 2, 105--111.

MR3595182 García-Pacheco, Francisco Javier ; Naranjo-Guerra, Enrique . Balanced and absorbing subsets with empty interior. *Adv. Geom.* 16 (2016), no. 4, 477--480.

MR3563756 García-Pacheco, Francisco Javier ; Hill, Justin R. Geometric characterizations of Hilbert spaces. Paging previously given as 1–7. *Canad. Math. Bull.* 59 (2016), no. 4, 769--775.

MR3507377 Garsiya-Pacheko, F.-Kh. ; Peres-Fernandes, F.-Kh. Fundamental aspects of vector-valued Banach limits. (Russian) ; translated from *Izv. Ross. Akad. Nauk Ser. Mat.* 80 (2016), no. 2, 33--46 *Izv. Math.* 80 (2016), no. 2, 316--328

MR3439285 García-Pacheco, F. J. ; Puglisi, D. A simple equivalent reformulation of the separable quotient problem. *Acta Math. Hungar.* 148 (2016), no. 1, 96--99.

MR3550938 Cabrera-Padilla, M. G. ; Chávez-Domínguez, J. A. ; Jiménez-Vargas, A. ; Villegas-Vallecillos, Moisés . Maximal Banach ideals of Lipschitz maps. *Ann. Funct. Anal.* 7 (2016), no. 4, 593--608.

MR3534525 Angosto, C. ; Listán-García, M. C. ; Rambla-Barreno, F. Continuity properties of sequentially asymptotically center-complete spaces. *Rev. R. Acad. Cienc. Exactas Fís. Nat. Ser. A Math. RACSAM* 110 (2016), no. 2, 809--822.

(2015)

MR3345654 León-Saavedra, Fernando ; Piqueras-Lerena, Antonio . Super convex-cyclicity and the Volterra operator. *Monatsh. Math.* 177 (2015), no. 2, 301--305.

MR3342485 Lacruz, Miguel ; León-Saavedra, Fernando ; Petrovic, Srdjan ; Zabeti, Omid . Extended eigenvalues for Cesàro operators. *J. Math. Anal. Appl.* 429 (2015), no. 2, 623--657.

MR3443678 García-Pacheco, Francisco J. ; Hill, Justin R. A partial positive solution to a conjecture of Ricceri. *Topol. Methods Nonlinear Anal.* 46 (2015), no. 1, 57--67.

MR3422668 García-Pacheco, Francisco Javier . Extremal properties of the set of vector-valued Banach limits. *Open Math.* 13 (2015), 757--767.

MR3413921 García-Pacheco, F. J. ; Puglisi, D. A short note on the lineability of norm-attaining functionals in subspaces of ℓ^∞ . *Arch. Math. (Basel)* 105 (2015), no. 5, 461--465.

MR3359273 García-Pacheco, F. J. ; Hill, J. R. Advances on Ricceri's most famous conjecture. *Filomat* 29 (2015), no. 4, 829--838.

MR3343174 García-Pacheco, Francisco Javier . Advances on the Banach-Mazur conjecture for rotations. *J. Nonlinear Convex Anal.* 16 (2015), no. 4, 761--765.

MR3336906 García-Pacheco, F. J. Convex components and multi-slices in real topological vector spaces. *Ann. Funct. Anal.* 6 (2015), no. 3, 73--86.

MR3336891 García-Pacheco, F. J. ; Piniella, Pablo . Unit neighborhoods in topological rings. *Banach J. Math. Anal.* 9 (2015), no. 4, 234--242.

MR3336379 García-Pacheco, Francisco Javier ; Puglisi, Daniele ; van Zyl, Gusti . On $\|\cdot\|$ -operators on real normed spaces. *Quaest. Math.* 38 (2015), no. 2, 257--270.

MR3324652 de Kock, Mienie ; García-Pacheco, Francisco Javier . A reverse theorem on the $\|\cdot\|$ -continuity of the dual map. *J. Funct. Spaces* 2015, Art. ID 864173, 4 pp.

(2014)

MR3322521 León-Saavedra, Fernando ; Romero-de la Rosa, Pilar . Fixed points and orbits of non-convolution operators. *Fixed Point Theory Appl.* 2014, 2014:221, 5 pp.

MR3260853 González, Manuel ; León-Saavedra, Fernando . Hypercyclicity for the elements of the commutant

of an operator. *Integral Equations Operator Theory* 80 (2014), no. 2, 265--274.

MR3208553 León-Saavedra, Fernando ; Romero-de la Rosa, María del Pilar . Powers of convex-cyclic operators. *Abstr. Appl. Anal.* 2014, Art. ID 631894, 3 pp.

MR3285420 Barbieri, Giuseppina ; García-Pacheco, Francisco J. ; Puglisi, Daniele . Addendum to "Lineability and spaceability of vector-measure spaces" (*Studia Math.* 219 (2013), 155–161) [MR3149556]. *Studia Math.* 224 (2014), no. 2, 193.

MR3265327 García-Pacheco, F. J. The universal renorming. *Israel J. Math.* 202 (2014), no. 1, 405--422.

MR3235310 García-Pacheco, Francisco Javier ; Puglisi, Daniele ; van Zyl, Gusti . Some more applications of the Hahn-Banach theorem. *J. Convex Anal.* 21 (2014), no. 1, 179--188.

MR3180010 Aizpuru, A. ; Armario, R. ; García-Pacheco, F. J. ; Pérez-Fernández, F. J. Vector-valued almost convergence and classical properties in normed spaces. *Proc. Indian Acad. Sci. Math. Sci.* 124 (2014), no. 1, 93-108.

MR3460078 Cabrera-Padilla, M. G. ; Chávez-Domínguez, J. A. ; Jiménez-Vargas, A. ; Villegas-Vallecillos, Moisés . Lipschitz tensor product. *Khayyam J. Math.* 1 (2015), no. 2, 185--218.

MR3293586 Aizpuru, A. ; Listán-García, M. C. ; Rambla-Barreno, F. Density by moduli and statistical convergence. *Quaest. Math.* 37 (2014), no. 4, 525--530.

MR3177064 Listán-García, M. C. ; Rambla-Barreno, F. Rough convergence and Chebyshev centers in Banach spaces. *Numer. Funct. Anal. Optim.* 35 (2014), no. 4, 432--442.

MR3147243 Chica, Mario ; Kadets, Vladimir ; Martín, Miguel ; Moreno-Pulido, Soledad ; Rambla-Barreno, Fernando . Bishop-Phelps-Bollobás moduli of a Banach space. *J. Math. Anal. Appl.* 412 (2014), no. 2, 697--719.

(2013)

MR3071981 Aizpuru, A. ; Moreno-Pulido, S. ; Rambla-Barreno, F. Phillips lemma on effect algebras of sets. *Math. Slovaca* 63 (2013), no. 3, 639--646.

MR3185126 Armario, R. ; Garsiya-Pacheko, F. Kh. ; Peres-Fernandes, F. Kh. On vector-valued Banach limits. (Russian) ; translated from Funktsional. Anal. i Prilozhen. 47 (2013), no. 4, 82--86 Funct. Anal. Appl. 47 (2013), no. 4, 315--318

MR3149556 Barbieri, Giuseppina ; García-Pacheco, Francisco J. ; Puglisi, Daniele . Lineability and spaceability on vector-measure spaces. Studia Math. 219 (2013), no. 2, 155--161.

MR3114616 García-Pacheco, Francisco Javier . Translations, norm-attaining functionals and elements of minimum norm. Rev. Un. Mat. Argentina 54 (2013), no. 1, 69--82.