

List of publications

1. **Bonilla, A.** and **Pérez González, F.**: Radial growth and boundedness for Bloch functions, Bull. Austral. Math. Soc., **42** (1990), 33-39.
2. **Bonilla, A.** and **Fariña, J. C.**: Meromorphic and holomorphic approximation in C^m -norm, J. Math. Anal. and Appl., **181** (1994), 132-149.
3. **Bonilla, A.** and **Fariña, J. C.**: Meromorphic and entire approximation in BMO-norm, J. Approx. Theory, **76** (1994), 203-218.
4. **Bonilla, A.** and **Fariña, J. C.**: $Lip\alpha$ approximation and $lip\alpha$ extension, Canad. Math. Bull., **38** (1995), 23-33.
5. **Boivin, A.**, **Bonilla, A.** and **Fariña, J. C.**: Meromorphic approximation in weighted L^p , Proc. Roy. Irish Acad, **95A** (1995), 47-64.
6. **Bonilla, A.** and **Fariña, J. C.**: Elliptic fusion lemma, Math. Japonica, **41** (1995), 441-445.
7. **Bonilla, A.** and **Fariña, J. C.**: Uniform approximation by solutions of elliptic equations with continuous extension to the boundary, Complex Variables, Theory Appl., **28** (1995), 111-120.
8. **Bonilla, A.**, **Pérez-González, F.** and **Trujillo-González, R.**: Mergelyan sets for classes of harmonic functions, Complex Variables, Theory Appl., **31** (1996), 9-18.
9. **Bonilla, A.** and **Trujillo-González, R.**: Bounded pointwise approximation of solutions of elliptic equations, Canad. J. Math., **48** (1996), 496-511.

10. **Bonilla, A.** and **Fariña, J. C.:** C^m -approximation with C^m extension on closed sets, Bolletino U. M. I., **10** (1996), 679-690.
11. **Bonilla, A., Pérez-González, F., Stray, A.** and **Trujillo-González, R.:** Approximation in weighted Hardy spaces, J. D'Analyse Math., **73**(1997), 65-89.
12. **Bonilla, A.:** "Counterexamples" to harmonic Liouville's theorem and harmonic functions with zero nontangential limits, Colloq. Math., **83** (2), (2000), 155-160.
13. **Betancor, J. J.** and **Bonilla, A. :** On a universality property of certain integral operators, J. Math. Anal. Appl. **250** (2000), 162-180.
14. **Bonilla, A.** and **Fariña, J. C.:** Lip α harmonic approximation on closed sets, Proc. Amer. Math. Soc., **129** (9) (2001), 2741-2752.
15. **Bonilla, A.** and **Calderón-Moreno, M. C.:** On universality of composition operators in several variables, Houston J. Math., **27** (4) (2001), 907-918.
16. **Bonilla, A.** and **Fariña, J. C.:** Aproximación en norma L^p sobre subconjuntos cerrados del plano complejo, Margarita Mathematica, Servicio de Publicaciones, Univ. de La Rioja, Logroño, Spain (2001).
17. **Bonilla, A.:** Small entire functions with infinite growth index, J. Math. Anal. Appl., **267** (1), (2002), 400-404.
18. **Bernal-González, L.** and **Bonilla, A.:** Exponential type of hypercyclic entire functions, Arch. Math., **78** (2002), 283-290.

19. **Bermúdez, T., Bonilla, A and Peris, A.** : C-supercyclic versus $\mathbb{R}+$ -supercyclic operators, Arch. Math., **79** (2002), 125-130.
20. **Bonilla, A.:** Universal harmonic functions, Quaestiones Math., **25** (4) (2002), 527-530.
21. **Bermúdez, T., Bonilla, A and Martinon, A.** : On the existence of chaotic and hypercyclic semigroups on Banach spaces, Proc. Amer. Math. Soc., **131** (8)(2003),2435-2441.
22. **Bermúdez, T., Bonilla, A and Peris, A.** : On hypercyclicity and supercyclicity Criteria, Bull. Austral. Math. Soc., **70** (2004), 45-54.
23. **Bernal-González, L., Bonilla, A and Calderón Moreno, M. C.:** Universality on higher order Hardy spaces, Bull. Austral. Math. Soc.,**71** (2005), 17-28.
24. **Bermúdez, T., Bonilla, A, Conejero, J. A., Peris, A.:** On hypercyclic, topologically mixing and chaotic semigroups on Banach spaces., Studia Math., **170**(1) (2005), 57-75.
25. **Bermúdez, T., Bonilla, A and Emamirad, H:** Chaotic tensor product semigroups, Semigroup Forum, **71** (2) (2005), 252-264.
26. **Bernal-González, L., Bonilla, A.:** Universality of holomorphic functions bounded on closed sets, J. Math. Anal. Appl., **315** (2006), 302-316.
27. **Bonilla, A. and Grosse-Erdmann, K.:** On a theorem of Godefroy and Shapiro, Integr. Equ. Oper. Theory, **56** (2) (2006), 151-162.
28. **Bernal-González, L., Bonilla, A and Calderón Moreno, M. C.:** Compositional universality in the N -dimensional ball, Analysis, **26** (2006), 365-372

29. **Bernal-González, L., Bonilla, A and Calderón Moreno, M. C.:** Compositional hypercyclicity equals supercyclicity, *Houston J. Math*, **33**(2) (2007), 581-591.
30. **Bernal-González, L., Bonilla, A, Calderón Moreno, M. C. and J. A. Prado-Bassas:** Maximal cluster sets of L-analytic functions along arbitrary curves, *Constr. Appr.*, **25** (2007), 211-219.
31. **Bonilla, A. and Grosse-Erdmann, K.:** Frequently hypercyclic operator and vectors, *Ergod. Th. Dynam. Sys.*, **27** (2007), 383-404.
32. **Bermúdez, T., Bonilla, A. and Torrea, J. L.,** Chaotic behavior of the Riesz Transforms for Hermite expansions, *J. Math. Anal. Appl.*, **337** (2008), 702-711.
33. **Bonilla, A and Miana, P.J.:** Hypercyclic and topologically mixing cosine functions on Banach spaces, *Proc. Amer. Math. Soc.*, **136**(2)(2008), 519-528.
34. **Bernal-González, L., Bonilla, A, Calderón Moreno, M. C. and J. A. Prado-Bassas:** Universal Taylor series with maximal cluster sets, *Rev. Mat. Iberoamericana*, **25**(2) (2009), 757-780.
35. **Bernal-González, L., Bonilla, A and Niess, M.:** Universal functions with prescribed zeros and interpolation properties, *Michigan Math. J.*, **58**, (2009), 627-638.
36. **Blasco, O., Bonilla, A. and Grosse-Erdmann, K,** Rate of growth of frequently hypercyclic functions, *Proc. Edinburgh Math. Soc.*, **53**(2010), 39-59.

37. **Bernal-González, L.** and **Bonilla, A.**, Compositional frequent hypercyclicity on weighted Dirichlet spaces, *Bull. Belg. Math. Soc.*, **17**(2010), 1-11.
38. **T. Bermúdez, A. Bonilla, F. Martínez-Giménez** and **A. Peris**: Li-Yorke and distributionally chaotic operators, *J. Math. Anal. Appl.*, **373** (2011), 83-93.
39. **J. Bonet** and **A. Bonilla**: Chaos of the differentiation operator on weighted spaces of entire functions, *Complex Analysis and Operator Theory*, to appear.
40. **L. Bernal-González** and **A. Bonilla**, Families of strongly annular functions: linear structure, *Revista Matemática Complutense*, to appear.