

Publications of J. J. O. O. Wiegerinck:

References to arxiv.org are clickable links

49. (with S. El Marzguioui) Continuity Properties of Finely Plurisubharmonic Functions and pluripolarity. To appear in *Indiana Univ. Math. J.*
<http://arxiv.org/abs/0906.2081>
48. (with A. Edigarian) Shcherbina's Theorem for Finely Holomorphic Functions. *Math. Z.* (online first, DOI 10.1007/s00209-009-0574-z)
<http://arxiv.org/abs/0810.4878>
47. (with S. El Marzguioui) Connectedness in the pluri-fine topology. *Functional analysis and complex analysis*, 105–115, *Contemp. Math.*, 481, Amer. Math. Soc., Providence, RI, 2009.
<http://arxiv.org/abs/0801.4652>
46. (with A. Edigarian and S. El Marzguioui) The image of a finely holomorphic map is pluripolar. To appear in *Ann. Polon. Math.*
<http://arxiv.org/abs/math/0701136>
45. (with Davidson, James; Magnus, Jan R.) A general bound for the limiting distribution of Breitung's statistic. *Econometric Theory* 24 (2008), no. 5, 1443–1455.
44. Fine function theory. (Dutch) *Nieuw Arch. Wiskd.* (5) 8 (2007), no. 2, 82–88.
43. (with S. El Marzguioui) The plurifine topology is locally connected. *Potential Analysis* 25 (2006) 233–288
<http://arxiv.org/abs/math/0512241>
42. (with P. de Paepe) More function algebra's on disks. *Complex Var. Elliptic Equ* 52(2007) no 7 551–559
<http://arxiv.org/abs/math/0512101>
41. (with E.A. Poletsky) Graphs with multiple sheeted pluripolar hulls. *Ann. Polon. Math.* 88 (2006), 161–171
<http://arxiv.org/abs/math/0503325>
40. (with A. Edigarian) Determination of the pluripolar hull of graphs of certain holomorphic functions. *Ann. Inst. Fourier* 54 (2004), 2085–2104.
<http://arxiv.org/abs/math/0310239>
39. (with A. Edigarian) The pluripolar hull of the graph of a holomorphic function with polar singularities. *Indiana Univ. Math. J.* 52 (2003), no. 6, 1663–1680.
<http://arxiv.org/abs/math/0208016>
38. (with P.R. Beneker) The boundary of the unit ball in H^1 -type spaces. *Function spaces* (Edwardsville, IL, 2002), 59–84, *Contemp. Math.*, 328, Amer. Math. Soc., Providence, RI, 2003
37. (with A. Edigarian) Graphs that are not complete pluripolar. *Proc. Amer. Math. Soc.* 131 (2003), no. 8, 2459–2465
<http://arxiv.org/abs/math/0203064>

36. (with P.R. Beneker) Strongly exposed points in the ball of the Bergman space. *Integral equations and operator theory* 52 (2005) 45-60.
<http://arxiv.org/abs/math/0208234>
35. (with O. Lemmers) A solution to Gleason's problem on certain Reinhardt domains in \mathbf{C}^2 . (In preparation)
34. (with O. Lemmers) Solving the Gleason problem on linearly convex domains. *Math. Z.* 240 (2002), no. 4, 823–834.
<http://arxiv.org/abs/math/0106235>
33. (with M. Carlehed) Le cône des fonctions plurisousharmoniques négatives et une conjecture de Coman. *Ann. Polon. Math.* 80 (2003), 93–108.
<http://arxiv.org/abs/math/0203156>
32. Pluripolar Sets: Hulls and Completeness. In: G. Raby et F. Symesak (ed), *Actes de rencontres d'analyse complexe, Atlantique*, (2000), p. 209–219.
31. (with O. Lemmers) The Gleason property for C^2 -Reinhardt domains in \mathbf{C}^2 . *Ann. Scuola Norm. Sup. Pisa* 30 (2001) 405-414
30. Graphs of holomorphic functions with isolated singularities are complete pluripolar. *Mich. Math. J.* 47 (2000) 191-197.
29. (with M. Carlehed) The Lempert function and the pluricomplex Green function are not equal in the bidisc. (Beta preprint 24 (1999))
28. (with M. Carlehed) Exemples de points extrémaux dans le cône des fonctions plurisousharmoniques négatives" (Prépublication no 176 du Laboratoire Émile Picard, Univ. Paul Sabatier, Toulouse III) 1999
27. The pluripolar hull of $\{w = e^{-1/z}\}$, *Arkiv för Mat.* 38 (2000) 201-208.
26. (with P. Beneker) Strongly exposed points in uniform algebras *Proc. AMS.* 127 (1999) 1567-1570.
25. (with P. Beneker) Exposedness in Hardy spaces of domains of finite connectivity. *Indag. Math.* 11 (2000) 487-497.
24. (with A. Heinis) Extremal representing measures for the disk algebra *Ann. Pol. Mat.* 73 (2000) 105-118.
23. Local Polynomially Convex Hulls at Degenerated CR singularities of Surfaces in \mathbf{C}^2 . *Indiana Univ. Math. J.* 44 (1995) 897-915.
22. Local polynomially convex hulls at exceptionally exceptional points of surfaces in C^2 , Univ. of Amsterdam, *Math. Inst. Report* 94–17
21. (Editor) *Complex analysis and related topics* (Proceedings of the conference, Amsterdam, 27-29 January 1993), Univ. of Amsterdam, *Math. Inst. Report* 93–25
20. A characterization of strongly exposed points of the unit ball of H^1 . *Indag. Math. N. S.* 4 (1993) 509–519.
19. Strongly exposed points of the unit ball in H^1 . In: T. Mazur (ed) *Classical Analysis*, Proc. of the 6th symposium Poland 1991, World Scientific Publ. Singapore etc 1992.

18. (with Dirk Temme) Extremal properties of the unit ball in H^1 . *Indag. Math. N. S.* 3 (1992) 119–127.
17. (with Raymond Brummelhuis) Representing Measures for the disc and for the ball algebra. *Ann. Pol. Math.* 55 (1991) 19–35.
16. (with Rein Zeinstra) Separately Subharmonic functions: When are they subharmonic. *Proc. Symp. Pure Math. Vol. 52 part 1* (1991) 245–249.
15. (with P. J. de Paepe) A note on pervasive function algebras. *Czech. Math. J.* 41 (116) (1991) 61–63.
14. (with J. E. Fornæss) Approximation of plurisubharmonic functions. *Arkiv fr Matematik* 27 (1989) 257–272
13. Separately subharmonic functions need not be subharmonic. *Proc. Amer. Math. Soc.* 104 (1988) 770–771.
12. (with J. E. Fornæss) A holomorphic reproducing kernel for Kohn - Nirenberg domains in \mathbf{C}^2 . *Math. Scand.* 62 (1988) 44–58.
11. (with K. Diederich en J. E. Fornæss) Sharp Hölder estimates for $\bar{\partial}$ on ellipsoides. *Manuscripta Math.* 56 (1986) 399–417.
10. Convergence of formal power series and analytic extension. In: C. A. Berenstein (ed.) *Complex Analysis II, Proc. Univ. of Maryland 1985-1986, Springer LNM.1276*, (1987) 313–320.
9. Entire functions of Paley - Wiener type in \mathbf{C}^n , Radon transforms and problems of holomorphic extension. *Proefschrift, Univ. Amsterdam, 1985.* (Promotor Prof. dr. J. Korevaar)
8. (with J. Korevaar) A lemma on mixed derivatives and results on holomorphic extension. *Nederl. Akad. Wetensch. Proc. Ser. A* 88 (1985) 351–362.
7. A support theorem for Radon transforms on \mathbf{R}^n . *Nederl. Akad. Wetensch. Proc. Ser. A* 88 (1985) 87–93.
6. (with J. Korevaar) A representation of mixed derivatives with an application to the edge-of-the-wedge theorem. *Nederl. Akad. Wetensch. Proc. Ser. A* 88 (1985) 77–86.
5. (with J. Korevaar) A representation of mixed derivatives with applications to edge-of-the- wedge, Radon transformation and a theorem of Forelli. In: *Proc. Conf. Complex Analysis and Applications, Arandjelovac 1984, Mat. Vesnik* 37 (1985) 145–157.
4. Domains with finite dimensional Bergman space. *Math. Zeitschrift* 187 (1984) 559–562.
3. Paley - Wiener functions with prescribed indicator. *Univ. of Amsterdam, Math. Inst. Report* 84–07.
2. (with J. Korevaar en R. Zeinstra) Minimal area of zero sets in tube domains of \mathbf{C}^2 . *Nederl. Akad. Wetensch. Proc. Ser. A* 87 (1984) 283–290. Eerdere versie in: *Complex Analysis and Applications, Proc. Conf. Varna 1981, Sofia* (1984) 276–284.
1. Growth properties of Paley-Wiener functions on \mathbf{C}^n . *Nederl. Akad. Wetensch. Proc. Ser. A* 87 (1984) 95–112.