Bo Berndtsson; list of publications.

REFERENCES

[1] *Zeros of analytic functions of several variables.* Ark Mat 16 (1978)

[2] *A note on Pavlov-Korevaar-Dixon interpolation.* Nederl Akad Wetensch Proc , 81 (1978)

[3] *Integral kernels and approximation on totally real submanifolds of* $\mathbb{C}^n$. Math Ann 243 (1979)

[4] *Exponential growth of a branching process usually implies stable age distribution.* (with P Jagers) J Appl Prob 16 (1979)

[5] **Integral formulas for the* $\partial\bar{\partial}$*-equation and zeros of bounded holomorphic functions in the ball.* Math Ann 249 (1980)

[6] **Henkin-Ramirez formulas with weight factors.* (with M Andersson), Ann Inst Fourier 32 (1982)

[7] **A formula for interpolation and division in* $\mathbb{C}^n$. Math Ann 263 (1983)

[8] *An* L^∞*-estimate for the* $\bar{\partial}$*-equation in the ball.* research report University of Göteborg (1984)

[9] *Interpolating sequences for* H^∞ *in the ball.* Nederl Akad Wetensch Proc 88 (1985)

[10] **Analytic multifunctions, the* $\bar{\partial}$*-equation, and a proof of the Corona Theorem.* (with T Ransford) Pac J Math 124 (1986)

[11] *Interpolating sequences for* H^∞ *in the polydisk.* (with S Y Chang, K C Lin) Trans Amer Math Soc 302 (1987)

[12] $\bar{\partial}_b$ *and Carleson type estimates.* In **Complex Analysis II.** Proceedings, University of Maryland 1985-1986. Ed Carlos A Berenstein. SLN 1276

[13] *Integral formulas and an explicit version of the fundamental principle.* (with M Passare) J Func Anal 84 (1989)

[14] *Integral formulas on projective space and the Radon transform of Gindikin-Henkin-Polyakov.* Publ Mat 32 (1988)

[15] *Leviflat surfaces with circular sections.* In **Several Complex Variables. Proc of the Mittag Leffler Institute 1987-1988.** Ed J-E Fornaess. Princeton University Press (1993).

[16] *Weighted integral formulas.* ibid

[17] *Traces of pluriharmonic functions on curves.* (with J Bruna), Ark Mat 28 (1990)

[18] *Cauchy-Leray forms and vector bundles.* Ann Sci Ec Norm Sup 24 (1991)

[19] *Weighted estimates for the* $\bar{\partial}$*-equation in domains in* $\mathbb{C}$. Duke Math J 66 (1992)

[20] *A smooth pseudoconvex domain in* C^2 *where* L^∞*-estimates for* $\bar{\partial}$ *do not hold.* Arkiv för Mat 31 (1993).

[21] *A very simple proof of an* L^2*-estimate for* $\bar{\partial}$ *on complete Kähler manifolds.* Report 1992.

[22] *Some recent results on estimates for the* $\bar{\partial}$*-equation.* In **Contributions to Complex Analysis and Analytic Geometry.** Eds H Skoda and J-M Trepreau. Vieweg (1994)

[23] * $\bar{\partial}$ *and Schrödinger operators.*Math Z 221 (1996) pp 401-413

[24] *Uniform estimates with weights for the* $\bar{\partial}$*-equation.* Journal of Geometric Analysis 7 (1997) pp 195-215

[25] *On interpolation and sampling in Hilbert spaces of analytic functions.*(with J Ortega) J Reine Angew Math 464 (1995)

[26] *The extension theorem of Ohsawa-Takegoshi and the theorem of Donnelly-Fefferman.* Ann Inst Fourier 46 1996

[27] * *An inequality for Fourier-Laplace transforms of entire functions, and the existence of exponential frames in Fock space.* J Func Anal 149 (1997) pp 83-101

[28] *Prekopa's theorem and Kiselman's minimum principle for plurisubharmonic functions.* Math Ann 312 (1998) pp 785-792

[29] *A Sobolev mapping property of the Bergman kernel* (with P Charpentier) Math Z 235 (2000) pp 1-10

[30] **The $\bar\partial$-equation on a positive current*(with N Sibony) Invent. Math. 147 (2002), no. 2, 371–428.

[31] *Almost holomorphic extensions of ultradifferentiable functions*(with M Andersson) J d'Anal Pure Appl 89 (2003) pp 337-365

[32] *An eigenvalue estimate for the $\bar\partial$-Laplacian* J Differ Geom 60 (2) 2002, pp 295 -313

[33] *Weighted estimates for the $\overline{\partial}$-equation.* Complex analysis and geometry (Columbus, OH, 1999), 43–57, Ohio State Univ. Math. Res. Inst. Publ., 9, de Gruyter, Berlin, 2001

[34] *Quasi-isometric vectorbundles and bounded factorization of holomorphic matrices* (with Jean-Pierre Rosay)(Ann Inst Fourier, 53 no. 3 (2003) pp 885-901

[35] *Weighted L^2-inequalities for real differential forms*> preprint 2002

[36] *Bergman kernels related to Hermitian line bundles over compact complex manifolds.* Explorations in complex and Riemannian geometry, 1–17, Contemp. Math., 332, Amer. Math. Soc., Providence, RI, 2003.

[37] *Integral formulas and the Ohsawa-Takegoshi extension theorem* Sci. China Ser. A 48 (2005), suppl., 61–73.

[38] **Subharmonicity properties of the Bergman kernel and some other functions associated to pseudocomvex domains* arXiv math.CV/0505469, Ann Inst Fourier 56 no 6 (2006), pp 1633-1662

[39] *Curvature of vector bundles and subharmonicity of Bergman kernels* arXiv math.CV/0505470,

[40] *Asymptotics of Bergman kernels* (With Robert Berman and Johannes Sjöstrand.) arXiv math.CV/0506367, Ark Mat 46 (2008), pp 197-217

[41] * *Curvature of vector bundles associated to holomorphic fibrations*(Expanded version of [39], arXiv math.CV/0511225, Ann Math 169 no. 2 (2009))

[42] *L^2-estimates for the d-equation and Witten's proof of the Morse inequalities* Annales de la Facultè de Science de Toulouse, Vol. 16 no. 4 (2007), p. 773-797

[43] *A remark on approximation on totally real sets* math.CV/0608058 In the proceedings of a conference in honor of Christer Kiselman.

[44] **Positivity of direct image bundles and convexity on the space of Kahler metrics* J Diff Geom, 81 (2009), pp 457-482

[45] *Bergman kernels and the pseudoeffectivity of relative canonical bundles.* (With Mihai Paŭn) Duke Math. J. 145 (2008), no. 2, 341–378.

[46] *A Bergman kernel proof of the Kawamata subadjunction theorem* (With Mihai Paŭn) arXiv:0804.3884

[47] *An extension problem for convex functions* arXiv:0806.1435

[48] *Probability measures related to geodesics in the space of Kähler metrics* . arXiv:0907.1806

[49] (with M Paŭn)*Quantitative extensions of pluricanonical forms and closed positive currents.* Nagoya Math J , 205 (2012) pp 25-65

[50] *Strict and nonstrict positivity of direct image bundles* Math Z, 269 (2011) pp 1201-1218

[51] *L^2-extension of $\bar{\partial}$-closed forms.* Illinois J Math 56 (2012) pp 21-31.
[52] (with R Berman)*Symmetrization of plurisubharmonic and convex functions.* Indiana Univ Math J 63 (2014) pp 345-365.
[53] (with R Berman)*The volume of Kähler-Einstein Fano varieties and convex bodies* J Reine Angew Math, to appear
[54] (with R Berman) *Real Monge-Ampère equations and Kähler-Ricci solitons on toric log-Fano varieties.* Ann Fac Sci Toul Math, 22 (2013), pp 649-711
[55] *A Brunn-Minkowski type inequality for Fano manifolds and some uniqueness theorems in Kahler geometry* Inv Math 2014
[56] (with R Berman) *Convexity of the K-energy on the space of Kähler metrics* ArXiv 1405.0401
[57] *The openness conjecture and complex Brunn-Minkowski inequalities* To appear in proceedings of Abel symposium 2013.
[58] (with L Lempert) *A proof of the Ohsawa-Takegoshi theorem with sharp estimates.* ArXiv 1407.4946 ——————————————————————————

[59] **L^2-methods for the $\bar{\partial}$-equation.** (81 pages) Lecture notes, CTH 1995.
[60] **An introduction to things $\bar{\partial}$.** (70 pages) Lecture notes from a summer school in Park City 2008. IAS/Park City Math Ser, 17, Amer Math Soc, Providence R I 2010.