JOSIP GLOBEVNIK   Bibliografija - List of Publications

A paper accepted for publication

On discs in bidiscs. To appear in J. Math. Anal. Appl.
https://arxiv.org/abs/2003.04107

Published papers

112. A construction of complete complex hypersurfaces in the ball with control on the topology. (joint with A. Alarcón and F. J. López)
J. reine angew. Math., 751 (2019) 289-308

111. On holomorphic functions with cluster sets of finite linear measure.
(joint with D. Kalaj)
Math. Z., 289 (2018) 355-360

110. Complete embedded complex curves in the ball of $\mathbb{C}^2$ can have any topology.
(joint with A. Alarcón)
Analysis & PDE 10 (2017) 1987-1999

109. Embedding complete complex discs through discrete sets.
Journ. Math. Anal. Appl. 444 (2016) 827-838

108. Holomorphic functions unbounded on curves of finite length.
Math. Ann. 364 (2016) 1343-1359

107. A complete complex hypersurface in the ball of $\mathbb{C}^N$.
Ann. Math. 182 (2015) 1067-1091

106. Boundary continuity of complete proper holomorphic maps.
Journ. Math. Anal. Appl. 424 (2015) 824-825

105. Small families of complex lines for testing holomorphic extendibility.
Amer. J. Math. 134 (2012) 1473-1490

104. Meromorphic extensions from small families of circles and holomorphic extensions from spheres.
Trans. Amer. Math. Soc. 364 (2012) 5857-5880

103. The winding number of Pf+1 for polynomials P and meromorphic extendibility of f.
Journ. Math. Anal. Appl. 393 (2012) 25-32

102. Analyticity of functions analytic on circles.
Journ. Math. Anal. Appl. 360 (2009) 363-368

101. On meromorphic extendibility.

Journ. Math. Anal. Appl. 351 (2009) 285-290

100. Meromorphic extendibility and the argument principle.
Publ. Mat. 52 (2008) 171-188

99. Analyticity on translates of a Jordan curve.
Trans. Amer. Math. Soc. 359 (2007) 5555-5565

98. Degree and holomorphic extensions.
Math. Research Lett. 14 (2007) 615-622

97. Holomorphic extendibility and mapping degree.
Proc. Roy. Soc. Edinb. 137A (2007) 799-806

96. Single valued conjugates and holomorphic extendibility.
Proc. Roy. Soc. Edinb. 136A (2006) 347-350

95. The argument principle and holomorphic extendibility to finite Riemann surfaces.
Math. Z. 253 (2006) 219-225

94. Holomorphic extendibility and the argument principle.
Complex analysis and dynamical systems II, Contemp. Math. 382 (2005) 171-175

93. A decomposition of functions with zero means on circles.
Ark. för Mat. 43 (2005) 383-393

92. The argument principle and holomorphic extendibility.
J. d'Analyse Math. 94 (2004) 385-395

91. Analyticity on families of circles.
Israel J. Math. 142 (2004) 29-45

90. Analyticity on circles for rational and real-analytic functions of two real variables.
(joint with M. Agranovsky)
J. d'Analyse Math. 91 (2003) 31-65

89. Holomorphic extensions from open families of circles.
Trans. Amer. Math. Soc. 355 (2003) 1921-1931

88. Interpolation by proper holomorphic embeddings of the disc into C^2.
Math. Research Lett. 9 (2002) 567-577

87. On growth of holomorphic embeddings into C^2.
Proc. Roy. Soc. Edinb. 132A (2002) 879-889

86. Proper holomorphic discs in C^2. (joint with F. Forstnerič)
Math. Research Lett. 8 (2001) 257-274

85. Discs in Stein manifolds.
Indiana Univ. Math. J. 49 (2000) 553-574

84. On holomorphic embeddings of planar domains into C^2. (joint with M. Černe)
Journ. d'Analyse Math. 81 (2000) 269-282

83. Holomorphic functions which are highly nonintegrable at the boundary.
Israel J. Math. 115 (2000) 195-203

82. Discs and the Morera property. (joint with E. L. Stout)
Pacif. J. Math. 192 (2000) 65-91

81. Holomorphically embedded discs with rapidly growing area.
Proc. Roy. Soc. Edinb. 129A (1999) 343-349

80. On Fatou-Bieberbach domains.
Math. Z. 229 (1998) 91-106

79. A bounded domain in C^N which embeds holomorphically into C^{N+1}.
Ark. Mat. 35 (1997) 313-325

78. Partial indices of analytic discs attached to Lagrangian submanifolds of C^N.
Ann. Inst. Fourier 46 (1996) 1307-1326

77. Morera theorems via microlocal analysis. (joint with E. T. Quinto)
J. Geom. Anal. 6 (1996) 19-30

76. Embedding holomorphic discs through discrete sets. (joint with F. Forstnerič and B. Stensones)
Math. Ann. 305 (1996) 559-569

75. Non straightenable complex lines in C^2. (joint with F. Forstnerič and J.-P. Rosay)
Ark. Mat. 34 (1996) 97-101

74. Perturbing analytic discs attached to maximal real submanifolds of C^N.
Indag. Math. 7 (1996) 37-45

73. Holomorphic embeddings of planar domains into C^2. (joint with B. Stensones)
Math. Ann. 303 (1995) 579-597

72. Perturbation by analytic discs along maximal real submanifolds of C^N.
Math. Z. 217 (1994) 287-316

71. Holomorphic functions on rotation invariant families of curves passing through the origin.
Journ. d'Analyse Math. 63 (1994) 221-229

70. Local support theorems for the $k-$plane transform on R^n.
J. Math. Anal. Appl. 181 (1994) 455-461

69. Holomorphic extensions and rotation invariance.
Compl. Variables 24 (1993) 49-51

68. A boundary Morera theorem.
Journ. Geom. Anal. 3 (1993) 269-277

67. A disc in the ball approaching the boundary non- nontangentially.
Madison Symp. on Complex Anal., Cont. Math. 137 (1992) 261- 265

66. Discs in pseudoconvex domains. (joint with F.Forstnerič)
Comment. Math. Helv. 67 (1992) 129-145

65. A support theorem for the X-ray transform.
J. Math. Anal. Appl. 165 (1992) 284-287

64. Boundary Morera theorems for holomorphic functions of several complex variables.
(joint with E.L.Stout)
Duke Math. J. 64 (1991) 571-615

63. On moduli of boundary values of holomorphic functions.
Math. Z. 208 (1991) 627-633

62. A disc in the ball whose end is an arc.
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61. Analytic functions on c_0. (joint with R.Aron)
Rev. Math. Univ. Compl. Madrid Vol.2, Suppl. (1989) 27-33

60. Zero integrals on circles and characterizations of harmonic and analytic functions.
Trans. Amer. Math. Soc. 317 (1990) 313-330

59. A holomorphic function whose level sets have infinite area.
Bull. London Math. Soc. 21 (1989) 562-566

58. Relative embeddings of discs into convex domains.
Invent. Math. 98 (1989) 331-350

57. Integrals over circles passing through the origin and a characterization of analytic
functions.
Journ. d'Analyse Math. 52 (1989) 199-209

56. A characterization of harmonic functions. (joint with W.Rudin)
Indag. Math. 50 (1988) 419-426

55. Interpolation by analytic functions on c_0. (joint with R.Aron)
Math. Proc. Cambr. Phil. Soc. 104 (1988) 295-302

54. Homogeneous polynomials on the ball of C^2.
Proc. Amer. Math. Soc. 103 (1988) 255-259

53. Testing analyticity on rotation invariant families of curves.
Trans. Amer. Math. Soc. 306 (1988) 401-410

52. Discs in the ball containing given discrete sets.
Math. Ann. 281 (1988) 87-96

51. Boundary interpolation and proper holomorphic maps from the disc to the ball.
Math. Z. 198 (1988) 143-150

50. Analytic discs with rectifiable simple closed curves as ends. (joint with E.L.Stout)
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Monatsh. für Math. 105 (1988) 47-58

48. A family of lines for testing holomorphy in the ball of C^2.
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Math. Scand. 60 (1987) 31-38

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Math. Proc. Cambr. Phil. Soc. 99 (1986) 123-133

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Indag. Math. 88 (1985) 385-396

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Proc. Amer. Math. Soc. 85 (1982) 61-64

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Bull. Sci. Math. 104 (1980) 417-434

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31. Extensions and selections in subspaces of C(K).
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Adv. in Holomorphy, Barroso (ed.), North Holland, 1979, pp.289-302

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Proc. Amer. Math. Soc. 61 (1976) 73-76

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Ark. för Mat. 14 (1976) 113-118
The range of vector valued analytic functions II.
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Journ. Funct. Anal. 22 (1976) 32-38

12. The Rudin-Carleson theorem for vector-valued functions.
Proc. Amer. Math. Soc. 53 (1975) 250-252

11. On a class of vector-valued analytic functions. (joint with I.Vidav)
Ann. Polon. Math. 31 (1975) 73-81

10. Norm equalities of analytic mappings into Hilbert spaces.
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Studia Math. 53 (1975) 29-37

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Math. Ann. 206 (1973) 295-302

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Proc. Amer. Math. Soc. 37 (1973) 619-621

3. On a property of smooth operators.
Glasnik Mat. 7 (27) (1972) 69-74

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Glasnik Mat. 6 (26) (1971) 301-306

1. On fractional powers of linear positive operators acting in Banach spaces.
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