

PUBLICATIONS

Peer-Reviewed Publications

- J9 Directed Sets and Topological Spaces Definable in O-Minimal Structures
(with P. Andújar Guerrero and E. Walsberg) J. Lond. Math. Soc., (2) 104 (2021), 989–1010 <https://doi.org/10.1112/jlms.12446>
- J8 Effective Pila—Wilkie Bounds for Unrestricted Pfaffian Surfaces
(with G. O. Jones) Math. Ann., 381 (2021), 729–767
<http://doi.org/10.1007/s00208-020-02029-x>
- J7 Ramsey Growth in Some NIP Structures
(with A. Chernikov and S. Starchenko) J. Inst. Math. Jussieu, 20 (1) (2021), 1-29
<http://doi.org/10.1017/S1474748019000100>
- J6 Rational Values of Weierstrass Zeta Functions
(with G. O. Jones) Proc. Edinb. Math. Soc. (2), 59, 4 (2016), 945-958.
<https://doi.org/10.1017/S0013091515000309>
- J5 Integer-Valued Definable Functions
(with G. O. Jones and A. J. Wilkie) Bull. Lond. Math. Soc., 44 (2012), 1285–1291
<https://doi.org/10.1112/blms/bds059>
- J4 Convergence Results for Functions Spaces Over O-Minimal Structures
J. Log. Anal., (4) (2012), Paper 1, 14pp. <https://doi.org/10.4115/jla.2012.4.1>
- J3 The Density of Algebraic Points on Certain Pfaffian Surfaces
(with G. O. Jones) Q. J. Math., 63 (3) (2012), 637-65
<https://doi.org/10.1093/qmath/har011>
- J2 An O-Minimal Structure Without Mild Parameterization
Ann. Pure Appl. Logic, 162 (6) (2011), 409-418 <https://doi.org/10.1016/j.apal.2010.11.004>
- J1 Mildness and the Density of Rational Points on Certain Transcendental Curves
(with D. J. Miller and G. O. Jones) Notre Dame J. Form. Log., 52 (1) (2011), 67-74
<https://doi.org/10.1215/00294527-2010-037>

Submitted

- S2 One-Dimensional Definable Topological Spaces in O-Minimal Structures
(with P. Andújar Guerrero), 75pp.
- S1 An Effective Pila-Wilkie Theorem for Sets Definable using Pfaffian Functions, with Some Diophantine Applications (with G. Binyamini, G.O. Jones, H. Schmidt) 43pp.
<http://arxiv.org/abs/2301.09883>

Further Publications

- NR3 Effective Pila–Wilkie Bounds for Restricted Pfaffian Surfaces
(with G. O. Jones) in T. Kaiser, J. Pila, P. Speissegger, A. J. Wilkie (eds.), *O-Minimality and its Applications to Number Theory and Analysis. Oberwolfach Rep. 22* (2017).
<https://publications.mfo.de/handle/mfo/3586>
- NR2 Smooth Parameterization in O-Minimal Structures
in F. Delon, M. Dickmann, D. Gondard, T. Servi (eds.), *Séminaire de Structures Algébriques Ordonnées, 2015-16* (2017).
- NR1 Convergence and Parameterization in O-Minimal Structures
D.Phil. Thesis, University of Oxford (2009).