Complete List of Publications

A. Edited Books and Proceedings

A.1 Special Journal Issues


A.2 Selected Papers Volumes


B. Books and Proceedings Contributions


C. Commissioned Articles in Journals


D. Peer–Reviewed Articles in Journals


4. ‘Linear independence without choice’ (with D. Bridges, F. Richman).

5. ‘A constructive look at generalised Cauchy reals’.

6. ‘A weak countable choice principle’ (with D. Bridges, F. Richman).

7. ‘Adjoints, absolute values and polar decompositions’ (with D. Bridges, F. Richman).


9. ‘A constructive uniform continuity theorem’ (with H. Ishihara).

10. ‘Trace–class operators’ (with D. Bridges, F. Richman).

11. ‘Apartness, topology, and uniformity: a constructive view’ (with D. Bridges, L. Viță).

12. ‘Real numbers as black boxes’.

13. ‘Strong versus uniform continuity: a constructive round’ (with D. Bridges, L. Viță).

14. ‘Unique existence, approximate solutions, and countable choice’.

15. ‘Countable choice as a questionable uniformity principle’.


17. ‘Compactness under constructive scrutiny’ (with H. Ishihara).

    *Arch. Math. (Basel)* 85 (2005) 49–54

19. ‘Products in the category of apartness spaces’ (with D. Bridges, H. Ishihara, L. Viță).

20. ‘On constructing completions’ (with L. Crosilla, H. Ishihara).

21. ‘Strong continuity implies uniform sequential continuity’ (with D. Bridges, H. Ishihara, L. Viță).
22. ‘What is continuity, constructively?’
   _J. UCS_ 11 (2005) 2076–2085

23. ‘Logisch zwingende Teilprinzipien von ZFC’.
   _Logique et Analyse (N.S.)_ 48 (2005) 301–310

24. ‘Formal Zariski topology: positivity and points’.

25. ‘The fan theorem and unique existence of maxima’ (with J. Berger, D. Bridges).


27. ‘Apartness and formal topology’ (with E. Palmgren).


29. ‘Classifying Dini’s theorem’ (with J. Berger).

30. ‘A simple constructive proof of Kronecker’s density theorem’ (with D. Bridges).


32. ‘Binary refinement implies discrete exponentiation’ (with P. Aczel, L. Crosilla, H. Ishihara, E. Palmgren).
    _Studia Logica_ 84 (2006) 361–368

33. ‘Ideals in constructive Banach algebra theory’ (with D. Bridges, R. Havea).


35. ‘Spatiality for formal topologies’ (with N. Gambino).

36. ‘The shrinking principle and the axiom of choice’ (with B. Banaschewski).
    _Monatshefte Math._ 151 (2007) 263–270

37. ‘The projective spectrum as a distributive lattice’ (with T. Coquand, H. Lombardi).

38. ‘Apartness, compactness, and nearness’ (with D. Bridges, H. Ishihara, L. Viță).

39. ‘The Zariski spectrum as a formal geometry’.
40. ‘A continuity principle, a version of Baire’s theorem, and a boundedness principle’

41. ‘Über das Kripke-Schema und abzählbare Teilmengen’ (with J. Zappe).

42. ‘Spectral schemes as ringed lattices’ (with T. Coquand, H. Lombardi).

43. ‘Problems, solutions, and completions’.
   J. Logic Algebr. Program. 79 (2010) 84–91

44. ‘Kronecker’s density theorem and irrational numbers in constructive reverse mathemat-

45. ‘On choice principles and fan theorems’ (with H. Diener).
   J. UCS 16 (2010) 2556–2562

46. ‘On the contrapositive of countable choice’ (with H. Ishihara).
   Arch. Math. Logic 50 (2011) 137–143

47. ‘Noetherian orders’ (with H. Perdry).

48. ‘Minima and best approximations in constructive analysis’ (with M. Hendtlass).

49. ‘Uniqueness, continuity, and existence of implicit functions in constructive analysis’

50. ‘Unique paths as formal points’ (with T. Coquand).

51. ‘A predicative completion of a uniform space’ (with J. Berger, H. Ishihara, E. Palmgren).

52. ‘The Gröbner ring conjecture in one variable’ (with H. Lombardi, I. Yengui).
   Math. Z. 270 (2012) 1181–1185

53. ‘The weak König lemma, Brouwer’s fan theorem, de Morgan’s law, and dependent

54. ‘The Kripke schema in metric topology’ (with R. Lubarsky, F. Richman).

55. ‘A generalised cut characterisation of the fullness axiom in CZF’ (with L. Crosilla,

56. ‘Are there enough injective sets?’ (with P. Aczel, B. van den Berg, J. Granström).
   Studia Logica 101 (2013) 467–482

58. ‘Approximating Beppo Levi’s principio d’approssimazione’ (with R. Bruni).  

59. ‘Constructing Gröbner bases for Noetherian rings’ (with H. Perdry).  

60. ‘The basic Zariski topology’ (with D. Rinaldi, G. Sambin).  

61. ‘A universal Krull–Lindenbaum theorem’ (with D. Rinaldi).  
*J. Pure Appl. Algebra* 220 (9) (2016) 3207–3232

62. ‘Eliminating disjunctions by disjunction elimination’ (with D. Rinaldi, D. Wessel).  

**E. Forthcoming Items (Accepted for Publication)**


2. ‘Suzumura consistency, an alternative approach’ (with D. Wessel).  
*J. Appl. Logic–IfCoLog*

3. ‘Eliminating disjunctions by disjunction elimination’ (with D. Rinaldi, D. Wessel).  