## Bibliography

[1] Hussam Abobaker, Nonconnected inverse limits, Topology Proc. 50 (2017), 277-280. MR3615670
[2] Lori Alvin and James P. Kelly, Markov set-valued functions and their inverse limits, Topology Appl. 241 (2018), 102-114. MR3794159
[3] , Endpoints of inverse limits for a family of set-valued functions, Topology Proc. 54 (2019), 233-257. MR3933897
[4] Ana Anušić, Henk Bruin, and Jernej Činč, Uncountably many planar embeddings of unimodal inverse limit spaces, Discrete Contin. Dyn. Syst. 37 (2017), no. 5, 2285-2300. MR3619063
[5] Iztok Banič, On dimension of inverse limits with upper semicontinuous set-valued bonding functions, Topology Appl. 154 (2007), no. 15, 2771-2778. MR2344740 (2008h:54020)
[6] , Continua with kernels, Houston J. Math. 34 (2008), no. 1, 145-163. MR2383701 (2009b:54035)
[7] Iztok Banič, Matevž Črepnjak, Goran Erceg, Matej Merhar, and Uroš Milutinović, Inducing functions between inverse limits with upper semicontinuous bonding functions, Houston J. Math. 41 (2015), no. 3, 1021-1037. MR3423695
[8] Iztok Banič, Matevž Črepnjak, Matej Merhar, and Uroš Milutinović, Limits of inverse limits, Topology Appl. 157 (2010), no. 2, 439-450. MR2563293 (2010k:54008)
[9] , Paths through inverse limits, Topology Appl. 158 (2011), no. 9, 1099-1112. MR2794464 (2012e:54023)
[10] _, Towards the complete classification of generalized tent maps inverse limits, Topology Appl. 160 (2013), no. 1, 63-73. MR2995076
[11] Iztok Banič, Matevž Črepnjak, Matej Merhar, and Uroš Milutinović, The (Weak) Full Projection Property for Inverse Limits with Upper Semicontinuous Bonding Functions, Mediterr. J. Math. 15 (2018), no. 4, 15:167. MR3819170
[12] Iztok Banič, Matevž Črepnjak, Matej Merhar, Uroš Milutinović, and Tina Sovič, Ważewski's universal dendrite as an inverse limit with one set-valued bonding function, Glas. Mat. Ser. III 48(68) (2013), no. 1, 137-165. MR3064249
[13] Iztok Banič, Matevž Črepnjak, Matej Merhar, and Uros milutinović, Inverse limits, inverse limit hulls and crossovers, Topology Appl. 196 (2015), no. part A, 155-172. MR3422739
[14] Iztok Banič, Matevž Črepnjak, and Van Nall, Some results about inverse limits with set-valued bonding functions, Topology Appl. 202 (2016), 106-111. MR3464152
[15] Iztok Banič and Judy Kennedy, Inverse limits with bonding functions whose graphs are arcs, Topology Appl. 190 (2015), 9-21. MR3349501
[16] Iztok Banič and Tjaša Lunder, Inverse limits with generalized Markov interval functions, Bull. Malays. Math. Sci. Soc. 39 (2016), no. 2, 839-848. MR3471352
[17] Iztok Banič and Tina Sovič, Inverse limits in the category of compact Hausdorff spaces and upper semicontinuous functions, Bull. Aust. Math. Soc. 89 (2014), no. 1, 49-59. MR3163004
[18] Iztok Banič and Sina Greenwood, A characterisation of the dimension of inverse limits of set-valued functions on intervals, Fund. Math. 249 (2020), no. 1, 1-19. MR4046960
[19] Iztok Banič, Matevž Črepnjak, Peter Goričan, Teja Kac, Matej Merhar, and Uroš Milutinović, Big and large continua in inverse limits of inverse systems over directed graphs, Topology Appl. 274 (2020), 107119, 18. MR4070464
[20] Iztok Banič, Matevž Črepnjak, Matej Merhar, Uroš Milutinović, and Tina Sovič, The closed subset theorem for inverse limits with upper semicontinuous bonding functions, Bull. Malays. Math. Sci. Soc. 42 (2019), no. 3, 835-846. MR3942434
[21] Alan Bertl, Category theoretic characterizations of generalized inverse limits, Houston J. Math. 44 (2018), no. 4, 1269-1291. MR3904704
[22] Alan Bertl and Michel Smith, Generalized set-valued inverse limits with finite coordinate spaces, Houston J. Math. 44 (2018), no. 4, 1313-1334. MR3904706
[23] Javier Camargo and Carlos Uzcátegui, Some topological and combinatorial properties preserved by inverse limits, Math. Slovaca 69 (2019), no. 1, 171-184. MR3903636
[24] Mauricio Chacon-Tirado and Verónica Martínez-de-la Vega, Closed subsets of the square whose inverse limit is the Hilbert cube, Colloq. Math. 152 (2018), no. 1, 29-44. MR3778894
[25] Włodzimierz J. Charatonik, Faruq A. Mena, and Robert P. Roe, Inverse limits and atomic projections, Topology Appl. 282 (2020), 107308. MR4119463
[26] Włodzimirez J. Charatonik and Faruq A. Mena, Local connectedness of inverse limits, Topology Appl. 265 (2019). MR3989222
[27] Włodzimirez J. Charatonik and Robert P. Roe, Inverse limits of continua having trivial shape, Houston J. Math. 38 (2012), no. 4, 1307-1312. MR3019037
[28] _, Mappings between inverse limits of continua with multivalued bonding functions, Topology Appl. 159 (2012), no. 1, 233-235. MR2852967
[29] _ On Mahavier products, Topology Appl. 166 (2014), 92-97. MR3179790
[30] Włodzimirez J. Charatonik and Şahika Şahan, Inverse limits with bonding functions whose graphs are connected, Topology Appl. 210 (2016), 16-21. MR3539721
[31] _ Limits of inverse limits - a counterexample, Questions Answers Gen. Topology 34 (2016), no. 1, 37-38. MR3467823
[32] Steven Clontz and Scott Varagona, Destruction of metrizability in generalized inverse limits, Topology Proc. 48 (2016), 289-297. MR3438747
[33] , Mahavier products, idempotent relations, and condition $\Gamma$, Topology Proc. 54 (2019), 259-269. MR3949261
[34] Alexander Nelson Cornelius, Inverse limits of set-valued functions, ProQuest LLC, Ann Arbor, MI, 2009. Thesis (Ph.D.)-Baylor University. MR2713528
[35] Matevž Črepnjak, All powers of a function can have non-homeomorphic inverse limits, Topology Appl. 191 (2015), 65-75. MR3361055
[36] Matevž Črepnjak and Tjaša Lunder, Inverse limits with countably Markov interval functions, Glas. Mat. Ser. III 51(71) (2016), no. 2, 491-501. MR3580212
[37] Gareth Davies, Sina Greenwood, Michael Lockyer, and Yuki Maehara, Inverse limits of upper semicontinuous functions and indecomposable continua, Topology Appl. 288 (2021), 107471, 18. MR4186078
[38] Sina Greenwood and Judy Kennedy, Connected generalized inverse limits, Topology Appl. 159 (2012), no. 1, 57-68. MR2852949
[39] , Connectedness and Ingram-Mahavier products, Topology Appl. 166 (2014), 19. MR3179784
[40] , Connected generalized inverse limits over intervals, Fund. Math. 236 (2017), no. 1, 1-43. MR3577389
[41] Sina Greenwood, Judy Kennedy, and Michael Lockyer, Connectedness and inverse limits with set-valued functions on intervals, Topology Appl. 221 (2017), 69-90. MR3624446
[42] Sina Greenwood and Michael Lockyer, Connected generalised inverse limits over Hausdorff continua, Topology Appl. 160 (2013), no. 3, 513-523. MR3010358
[43] __ Path-connected inverse limits of set-valued functions on intervals, Topology Appl. 280 (2020), 107275, 18. MR4108488
[44] Sina Greenwood and Rolf Suabedissen, 2-manifolds and inverse limits of set-valued functions on intervals, Discrete Contin. Dyn. Syst. 37 (2017), no. 11, 5693-5706. MR3681955
[45] Sina Greenwood and Bradley Windelborn, Trees and generalised inverse limits on intervals, Topology Appl. 249 (2018), 160-176. MR3864545
[46] Sina Greenwood and Simon Youl, A subsequence theorem for generalised inverse limits, Topology Appl. 183 (2015), 18-35. MR3310335
[47] Masatoshi Hiraki and Hisao Kato, On inverse limits with set-valued functions on graphs, dimensionally stepwise spaces and ANRs, Topology Appl. 226 (2017), 16-30. MR3660261
[48] Alejandro Illanes, A circle is not the generalized inverse limit of a subset of $[0,1]^{2}$, Proc. Amer. Math. Soc. 139 (2011), no. 8, 2987-2993. MR2801638
[49] Hayato Imamura, Markov-like set-valued functions on finite graphs and their inverse limits, Topology Appl. 264 (2019), 175-186. MR3975099
[50]__ A simple construction of non-planar one-dimensional continua as generalized inverse limits, Topology Proc. 57 (2021), 219-224. MR4161584
[51] W. T. Ingram, Inverse limits and dynamical systems (2007), 289-301. MR2367385
[52] , Inverse limits of upper semi-continuous functions that are unions of mappings, Topology Proc. 34 (2009), 17-26. MR2476513 (2009j:54058)
[53] ___ Inverse limits with upper semi-continuous bonding functions: problems and some partial solutions, Topology Proc. 36 (2010), 353-373. MR2646984 (2011g:54021)
[54]_, Concerning nonconnected inverse limits with upper semi-continuous set-valued functions, Topology Proc. 40 (2012), 203-214. MR2838202 (2012h:54077)
[55] __, An Introduction to Inverse Limits with Set-valued Functions, Springer Briefs in Mathematics, Springer, New York, 2012. MR2962774
[56] , Concerning chainability of inverse limits on $[0,1]$ with set-valued functions, Topology Proc. 42 (2013), 327-340. MR3020518
[57] , Tree-likeness of certain inverse limits with set-valued functions, Topology Proc. 42 (2013), 17-24. MR2943586
[58] _ Concerning dimension and tree-likeness of inverse limits with set-valued functions, Houston J. Math. 40 (2014), no. 2, 621-631. MR3248656
[59] , Inverse limits of families of set-valued functions, Bol. Soc. Mat. Mex. (3) 21 (2015), no. 1, 53-70. MR3331958
[60] _, One-dimensional inverse limits with set-valued functions, Topology Proc. 46 (2015), 243-253. MR3246575
[61] ___, Inverse limits with set-valued functions having graphs that are sinusoids, Topology Proc. 53 (2019), 243-254. MR3909106
[62]_, Traditional continuum theory arising in inverse limits with set-valued functions, Rev. Integr. Temas Mat. 37 (2019), no. 1, 31-43. MR3920741
[63] , Inverse limits with set-valued functions having graphs that are arcs, Topology Appl. 299 (2021), 107737. MR4270621
[64] W. T. Ingram and William S. Mahavier, Inverse limits of upper semi-continuous set valued functions, Houston J. Math. 32 (2006), no. 1, 119-130 (electronic). MR2202356 (2006i:54020)
[65] _, Inverse Limits: From Continua to Chaos, Developments in Mathematics, vol. 25, Springer, New York, 2012. From continua to chaos. MR3014043
[66] W. T. Ingram and M. M. Marsh, Nonconnectedness of inverse limit sequences, Topology Proc. 41 (2013), 333-336. MR2998339
[67] , Chainability of inverse limits on [0, 1] with interval-valued functions, Topology Proc. 56 (2020), 305-320. MR4066985
[68] Carlos Islas and Rocío Leonel, A Knaster continuum which is a generalized inverse limit, Questions Answers Gen. Topology 33 (2015), no. 1, 17-24. MR3379660
[69] Leonardo Juárez-Villa and Isabel Puga, Confluent set-valued functions and inverse limits, Topology Appl. 276 (2020), 107171, 10. MR4081679
[70] Hisao Kato, On dimension and shape of inverse limits with set-valued functions, Fund. Math. 236 (2017), no. 1, 83-99. MR3577393
[71] Kazuhiro Kawamura, Mean dimension of shifts of finite type and of generalized inverse limits, Discrete Contin. Dyn. Syst. 40 (2020), no. 8, 4767-4775. MR4112029
[72] Kazuhiro Kawamura and Judy Kennedy, Shift maps and their variants on inverse limits with set-valued functions, Topology Appl. 239 (2018), 92-114. MR3777325
[73] James P. Kelly, Chainability of inverse limits with a single irreducible function on [0, 1], Topology Appl. 176 (2014), 57-75. MR3250645
[74] $\quad$, Inverse limits with irreducible set-valued functions, Topology Appl. 166 (2014), 15-31. MR3179786
[75] _, Endpoints of inverse limits with set-valued functions, Topology Proc. 48 (2016), 101-112. MR3340276
[76] , A partial classification of inverse limits with irreducible functions, Topology Appl. 199 (2016), 111-131. MR3442600
[77] $\quad$, Inverse limits of iterates of set-valued functions, Topology Proc. 50 (2017), 39-48. MR3510806
[78] , Monotone and weakly confluent set-valued functions and their inverse limits, Topology Appl. 228 (2017), 486-500. MR3679101
[79] James P. Kelly and Jonathan Meddaugh, Indecomposability in inverse limits with setvalued functions, Topology Appl. 160 (2013), no. 13, 1720-1731. MR3091344
[80] , Convergence of sequences of inverse limits, Topology Appl. 184 (2015), 29-40. MR3314894
[81] Judy Kennedy and Van Nall, Dynamical properties of shift maps on inverse limits with a set valued function, Ergodic Theory Dynam. Systems 38 (2018), no. 4, 1499-1524. MR3789174
[82] Boštjan Lemež, An uncountable family of upper semicontinuous functions $F$ such that the graph of $F$ is homeomorphic to the inverse limit of closed unit intervals with $F$ as the only bonding function, Topology Appl. 253 (2019), 25-37. MR3886478
[83] Yuki Maehara, Categories of inverse systems of compacta with upper semi-continuous bonding functions, Topology Appl. 204 (2016), 23-40. MR3482700
[84] Yuki Maehara and Ittay Weiss, Mahavier completeness and classifying diagrams, Topology Appl. 229 (2017), 55-69. MR3688661
[85] William S. Mahavier, Inverse limits with subsets of $[0,1] \times[0,1]$, Topology Appl. 141 (2004), no. 1-3, 225-231. MR2058690 (2005c:54012)
[86] Benjamin Marlin, An upper semi-continuous model for the Lorenz attractor, Topology Proc. 40 (2012), 73-81. MR2817289
[87] M. M. Marsh, Some structure theorems for inverse limits with set-valued functions, Topology Proc. 42 (2013), 237-258. MR3015739
[88] , Tree-like inverse limits on $[0,1]$ with interval-valued functions, Topology Proc. 48 (2016), 215-232. MR3384121
[89]_, A characterization of tree-like inverse limits on $[0,1]$ with interval-valued functions, Topology Proc. 50 (2017), 101-109. MR3546388
[90]_, Connectedness of inverse limits with functions $f_{i}$ where either $f_{i}$ or $f_{i}^{-1}$ is a union of continuum-valued functions, Topology Appl. 264 (2019), 473-488. MR3979291
[91] __ Some fixed point theorems for tree-like continua, Topology Appl. 288 (2021), 107475, 14. MR4190696
[92] Verónica Martínez-de-la Vega, Jorge M. Martínez-Montejano, and Christopher Mouron, Mixing homeomorphisms and indecomposability, Topology Appl. 254 (2019), 50-58. MR3895047
[93] Verónica Martínez-de-la Vega and Ivon Vidal-Escobar, Dendrites on generalized inverse limits and finite Mahavier products, Topology Appl. 222 (2017), 238-253. MR3630207
[94] Eiichi Matsuhashi and Takahiro Yamanaka, Inverse limits with upper semi-continuous bonding functions whose inverse functions are continuous, Mediterr. J. Math. 17 (2020), no. 3, Art. 89, 19. MR4100041
[95] Faruq Mena and Robert P. Roe, A family of generalized inverse limits homeomorphic to "the monster", Topology Proc. 54 (2019), 193-197. MR3932734
[96] Van Nall, Finite graphs that are inverse limits with a set valued function on [0, 1], Topology Appl. 158 (2011), no. 10, 1226-1233. MR2796124
[97] , Inverse limits with set valued functions, Houston J. Math. 37 (2011), no. 4, 1323-1332. MR2875274
[98] , Connected inverse limits with a set-valued function, Topology Proc. 40 (2012), 167-177. MR2817297
[99] ._The only finite graph that is an inverse limit with a set valued function on $[0,1]$ is an arc, Topology Appl. 159 (2012), no. 3, 733-736. MR2868872
[100] __ More continua which are not the inverse limit with a closed subset of a unit square, Houston J. Math. 41 (2015), no. 3, 1039-1050. MR3423696
[101] Van Nall and Ivon Vidal-Escobar, Finite graphs and inverse limits with set-valued functions on intervals, Topology Proc. 58 (2021), 93-104. MR4143068
[102] Antonio Peláez, Generalized inverse limits, Houston J. Math. 32 (2006), no. 4, 11071119 (electronic). MR2268473
[103] Brian E. Raines and Tim Tennant, The specification property on a set-valued map and its inverse limit, Houston J. Math. 44 (2018), no. 2, 665-677. MR3845115
[104] Matej Roškarič and Niko Tratnik, Cardinality of inverse limits with upper semicontinuous bonding functions, Bull. Aust. Math. Soc. 91 (2015), no. 1, 167-174. MR3294270
[105] David J. Ryden, Composants in indecomposable inverse limits of unimodal maps, Colloq. Math. 145 (2016), no. 2, 219-230. MR3557133
[106] Bilall I. Shaini and Predrag S. Stanimirović, Iterations for approximating limit representations of generalized inverses, Facta Univ. Ser. Math. Inform. 33 (2018), no. 4, 505-516. MR3909183
[107] Michel Smith and Scott Varagona, Generalized inverse limits with N-type bonding functions, Houston J. Math. 42 (2016), no. 2, 637-657. MR3529974
[108] Tina Sovič, $\Delta$-related functions and generalized inverse limits, Glas. Mat. Ser. III 54(74) (2019), no. 2, 463-476. MR4043138
[109] Scott Varagona, Inverse limits with upper semi-continuous bonding functions and indecomposability, Houston J. Math. 37 (2011), no. 3, 1017-1034. MR2844463
[110] , Simple Techniques for Detecting Decomposability or Indecomposability of Generalized Inverse Limits, ProQuest LLC, Ann Arbor, MI, 2012. Thesis (Ph.D.)-Auburn University. MR3055015
[111] , Homeomorphisms between inverse limits with $N$-shaped set-valued functions, Topology Proc. 44 (2014), 233-248. MR3117063
[112] Aleš Vavpetič and Žiga Virk, On the fundamental group of inverse limits, Bull. Malaysian Math. Sci. Soc. (to appear).
[113] R. Patrick Vernon, Inverse limits of set-valued functions indexed by the integers, Topology Appl. 171 (2014), 35-40. MR3207485
[114] Ivon Vidal-Escobar, Properties of the shift map on dendrites that are generalized inverse limits, Houston J. Math. 45 (2019), no. 1, 1-19. MR3951125
[115] Brian Williams, Inverse limits of postcritically finite polynomials, Topology Appl. 157 (2010), no. 16, 2562-2571. MR2719400
[116] Brian R. Williams, Indecomposability in Inverse Limits, ProQuest LLC, Ann Arbor, MI, 2010. Thesis (Ph.D.)-Baylor University. MR2782399

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