

Publications

Wolfgang Heil

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- 2022 The number of simply-connected trivalent 2-dimensional stratifolds, with J.C. Gómez-Larrañaga, F. González-Acuña, *Topology and Applications* 311 (2022), <https://doi.org/10.1016/j.topol.2021.107957>
- 2021 2-stratifolds with fundamental group \mathbb{Z} , with J.C. Gómez-Larrañaga, F. González-Acuña, *Topology and Applications*, 290 (2021), 107590.
- 2020 2-stratifold spines of closed 3-manifolds, with J.C. Gómez-Larrañaga, F. González-Acuña. *Osaka Journal of Mathematics*, 57 vol 2 (2020), 267-277.
- 2020 Models of Simply-connected Trivalent 2-dimensional Stratifolds, with J.C. Gómez-Larrañaga, F. González-Acuña, *Boletín Soc. Matemática Mex.*, 26 (2020), 1301-1312.
- 2018 Classification of Simply-connected Trivalent 2-dimensional Stratifolds, with Gómez -Larrañaga and González-Acuña, *Topology Proceedings*, 52 (2018), 329-340.
- 2018 2-stratifold groups have solvable Word Problem, with J.C. Gómez-Larrañaga, and F. González-Acuña, *Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales. Serie A. Matemáticas*, 112 (2018), 803-810.
- 2016 2-dimensional stratifolds homotopy equivalent to S^2 , with Gómez -Larrañaga and González-Acuña, *Topology Appl.* 209 (2016), 56-62.
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- 2012 S^2 - and P^2 -category of manifolds, with Gómez -Larrañaga and González-Acuña, *Topology Appl.* 159 (2012), 1052-1058.
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- 2010 Manifolds with S^1 -category 2 have cyclic fundamental groups, with Gómez -Larrañaga and González-Acuña, (2010). *Math. Z.* 266, No. 4, 783-788.
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