

## Publications

- Hyungryul Baik, Hyunshik Shin and Chenxi Wu. An upper bound on the asymptotic translation length on the curve graph and fibered faces *arXiv*: 1801.06638, to appear at *Indiana University Math Journal*
- Harrison Bray, Diana Davis, Kathryn Lindsey and Chenxi Wu. The shape of Thurston's Master Teapot *arXiv*:1902.10805 *Advances in Mathematics* 2021. doi: 10.1016/j.aim.2020.107481
- Hyungryul Baik, Farbod Shokrieh, Chenxi Wu. Limits of canonical forms on towers of Riemann surfaces *J. Reine Angew. Math. (Crelles Journal)* 2019. doi: 10.1515/crelle-2019-0007.
- Farbod Shokrieh and Chenxi Wu. Canonical measures on metric graphs and a Kazhdan's theorem *Invent. Math.* 215(3), 819-862, 2019. doi: 10.1007/s00222-018-0838-5
- Hyungryul Baik, Chenxi Wu, KyeongRo Kim, and TaeHyouk Jo. An algorithm to compute Teichmüller polynomial from matrices *Geometriae Dedicata* 2019 doi: 10.1007/s10711-019-00450-4
- Hyungryul Baik, Ahmad Rafiqi and Chenxi Wu. Is a typical bi-Perron number a pseudo-Anosov dilatation? *Ergodic Theory and Dynamical Systems* 39(7), 1745-1750, 2019. doi: 10.1017/etds.2017.109
- Chenxi Wu. Lattice surfaces and smallest triangle. *Geometriae Dedicata*, 187(1), 107-121, 2017. doi: 10.1007/s10711-016-0191-z
- Lucien Clavier, Anja Randecker and Chenxi Wu. Rotational component spaces for infinite-type translation surfaces. *Geometriae Dedicata* 201(1), 57-80, 2019. doi: 10.1007/s10711-018-0381-y
- Hyungryul Baik, Ahmad Rafiqi and Chenxi Wu. Constructing pseudo-Anosov maps with given dilatations. *Geometriae Dedicata*, 180(1), 39-48, 2016. doi: 10.1007/s10711-015-0089-1
- Chenxi Wu. Deloné property of the holonomy vectors of translation surfaces. *Israel Journal of Mathematics*, 214(2), 733-740, 2016. doi: 10.1007/s11856-016-1357-y
- Chenxi Wu. The relative cohomology of abelian covers of the flat pillowcase. *Journal of Modern Dynamics*, 9, 123-140, 2015. doi:10.3934/jmd.2015.9.123
- Yingjie Guo, Chenxi Wu, et al. Gene-Based Nonparametric Testing of Interactions Using Distance Correlation Coefficient in Case-Control Association Studies *Genes* 9(12), 2018. doi: 10.3390/genes9120608
- Yingjie Guo, Chenxi Wu, et al. Combining Sparse Group Lasso and Linear Model improves power to detect generic variants underlying quantitative traits *Frontiers in Genetics*, 2019 doi: 10.3389/fgene.2019.00271

## Preprints

- Hyungryul Baik, Dongryul Kim and Chenxi Wu. On the asymptotic translation lengths on the sphere complexes and the generalized fibered cone *arXiv*:2011.08034
- Hyungryul Baik, Eiko Kin, Hyunshik Shin and Chenxi Wu. Asymptotic translation length and normal generation for the fibered cone *arXiv*:1909.00974
- Kathryn Lindsey and Chenxi Wu. A characterization of Thurston's Master Teapot *arXiv*:1909.10675