

Reading seminar on Topological full groups

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Time: Wednesday 10am - 12am.

Room: SCMS 102

1. H. Matui, Some remarks on topological full groups of Cantor minimal systems, *Internat. J. Math.* 17 (2006) 231–251.
2. K. Juschenko, N. Monod, Cantor systems, piecewise translations and simple amenable groups. *Ann. of Math.* (2) 178 (2013), no. 2, 775–787.
3. H. Matui, Topological full groups of one-sided shifts of finite type. *J. Reine Angew. Math.* 705 (2015), 35–84.
4. H. Matui, Étale groupoids arising from products of shifts of finite type. *Adv. Math.* 303 (2016), 502–548.
5. H. Matui, Homology and topological full groups of étale groupoids on totally disconnected spaces, *Proc. Lond. Math. Soc.* (3) 104 (2012), 27–56.

Here are some further references:

6. T. Giordano, I. F. Putnam and C. F. Skau, Full groups of Cantor minimal systems, *Israel J. Math.* 111 (1999) 285–320.
7. H. Matui, Torsion in coinvariants of certain Cantor minimal $\mathbb{Z}^2$ -systems, *Trans. Amer. Math. Soc.* 360 (2008) 4913–4928.
8. H. Matui, Topological full groups of étale groupoids. *Operator algebras and applications—the Abel Symposium 2015*, 203–230, *Abel Symp.*, 12, Springer, [Cham], 2017.
9. X. Li, Left regular representations of Garside categories II. Finiteness properties of topological full groups, *arXiv:2110.04505v2*
10. X. Li, Ample groupoids, topological full groups, algebraic K-theory spectra and infinite loop spaces. *Forum Math. Pi* 13 (2025), Paper No. e9, 56 pp.