

Infinite superfriezes

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Conway–Coxeter friezes associated with triangulated polygons extend to periodic infinite friezes on the annulus, as shown by Baur, Parsons, and Tschabold. Morier-Genoud, Ovsienko, and Tabachnikov introduced a supersymmetric analogue of classic friezes, and these were later related to Penner–Zeitlin’s decorated super-Teichmüller theory by Musiker, Ovenhouse, and Zhang: in this setting, they arise from oriented triangulations of the disc. In this joint project with A. Burcroff, İ. Çanakçı, M. Garcia and V. Klász, we extend superfriezes to the infinite setting and relate them to triangulations of annuli.