Info

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Incomplete hyperbolic polygon mod side-pairing

Let

$$S_n := (S^1 + n) \cap H^2_{\mathrm{U}}$$

[1]

[2]

Current note has 0 direct children and 0 total descendants.

- squishy
  - Incomplete hyperbolic polygon mod side-pairing

And it has 30 siblings.

- squishy
  - $SL(2)(\mathbb{R}) \curvearrowright \mathbb{R}^2$
  - $SL(2)(\mathbb{R}) \curvearrowright H^2_{\mathrm{U}}$
  - $\mathsf{Mat}_{\mathbb{C}}(2)$
  - $A_{r,\_\langle z \mapsto \lambda z \rangle} \backslash^{\mathbb{R}\boldsymbol{H}^2_{\mathrm{U}}}$
  - $\mathbb{C} \setminus \{0\}_{,\_\langle z \mapsto z+1 \rangle} \backslash^{\mathbb{R}\boldsymbol{H}^2_{\mathrm{U}}}$
  - $\mathbb{C} \setminus \{0,1\}_{,\_PSL(2)(\mathbb{Z})[2]} \backslash^{\mathbb{R}\boldsymbol{H}^2_{\mathrm{U}}}$
  - $\mathbb{R} \ltimes_\theta \mathbb{C}^2$
  - $\boldsymbol{Cl}(\mathbb{R}^n, \langle\ ,\ \rangle_{0,n})$
  - $\mathbb{C}^n$
  - $U(\mathbb{C} \setminus \{0\})$
  - $PSL(2)(\mathbb{C}) \curvearrowright \mathbb{C}P^1 \cong_{\mathsf{Man}} S^2$
  - $\mathbb{C}P^n$
  - Farey graph, complex and tree
  - GL
  - Heisenberg group
  - Incomplete hyperbolic polygon mod side-pairing
  - $\mathbb{R}\boldsymbol{H}^2,\_\mathbb{R}H^2_{\mathrm{U}},\_D^2$
  - $\mathbb{R}\boldsymbol{H}^n$
  - D_n lattice
  - Matrices
  - $\mathsf{Mat}_{\mathbb{R}}(2)$
  - Mobius endomorphisms
  - Elementary group with finite and infinite sided Dirichlet polyhedra
  - Polynomials
  - $T^*S^1 \ncong_{\mathsf{Sym}} (\mathbb{R}^2 \setminus \{0\}, \mathrm{d}x \wedge \mathrm{d}y)$
  - $Z\left(\sum_{1 \le j \le n} z_j^2 - 1\right)(\mathbb{C}) \cong_{\mathsf{Sym}} T^*S^{n-1}$
  - SL
  - SO
  - Seifert–Weber dodecahedral 3-manifold
  - $U(n, \mathbb{C})$

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1. John G. Ratcliffe - Foundations of Hyperbolic Manifolds (2019), p.515 ↩
2. https://www.desmos.com/calculator/qjzgiheshb ↩