

This note, that [was found here](#), as a part of [a collection](#) is written (completely with human hands) by [Rupadarshi Ray](#), was created on February 19, 2026 1:58:02 AM, was last modified on February 19, 2026 2:01:46 AM, and was exported on September 7, 2026 2:50:40 PM.

$$(\mathbb{R} \times S^1, dt \wedge d\theta) \cong_{\mathrm{Sym}} T^*S^1 \not\cong_{\mathrm{Sym}} (\mathbb{R}^2 \setminus \{0\}, dx \wedge dy)$$

Current note has 0 direct children and 0 total descendants.

- [squishy](#)
 - $T^*S^1 \not\cong_{\mathrm{Sym}} (\mathbb{R}^2 \setminus \{0\}, dx \wedge dy)$

And it has 30 siblings.

- [squishy](#)
 - $SL(2)(\mathbb{R}) \curvearrowright \mathbb{R}^2$
 - $SL(2)(\mathbb{R}) \curvearrowright H^2_{\mathbb{U}}$
 - $\mathrm{Mat}_{\mathbb{C}}(2)$
 - $A_r, \neg \langle z \mapsto \lambda z \rangle \setminus \mathbb{R} \boldsymbol{H}^2_{\mathbb{U}}$
 - $\mathbb{C} \setminus \{0\}, \neg \langle z \mapsto z+1 \rangle \setminus \mathbb{R} \boldsymbol{H}^2_{\mathbb{U}}$
 - $\mathbb{C} \setminus \{0,1\}, \neg PSL(2)(\mathbb{Z})[2] \setminus \mathbb{R} \boldsymbol{H}^2_{\mathbb{U}}$
 - $\mathbb{R} \ltimes_{\theta} \mathbb{C}^2$
 - $\boldsymbol{CI}(\mathbb{R}^n, \langle \ , \ \rangle_{0,n})$
 - $\mathbb{C}^n$
 - $U(\mathbb{C} \setminus \{0\})$
 - $PSL(2)(\mathbb{C}) \curvearrowright \mathbb{C}P^1 \cong_{\mathrm{Man}} S^2$
 - $\mathbb{C}P^n$
 - [Farey_graph_complex and tree](#)
 - GL
 - [Heisenberg_group](#)
 - [Incomplete hyperbolic polygon mod side-pairing](#)
 - $\mathbb{R} \boldsymbol{H}^2, \mathbb{R} H^2_{\mathbb{U}}, D^2$
 - $\mathbb{R} \boldsymbol{H}^n$
 - [D_n_lattice](#)
 - [Matrices](#)
 - $\mathrm{Mat}_{\mathbb{R}}(2)$
 - [Mobius endomorphisms](#)
 - [Elementary_group with finite and infinite sided Dirichlet polyhedra](#)
 - [Polynomials](#)
 - $T^*S^1 \not\cong_{\mathrm{Sym}} (\mathbb{R}^2 \setminus \{0\}, dx \wedge dy)$
 - $Z\left(\sum_{1 \leq j \leq n} z_j^2 - 1\right)(\mathbb{C}) \cong_{\mathrm{Sym}} T^*S^{n-1}$
 - SL
 - SO
 - [Seifert–Weber dodecahedral 3-manifold](#)
 - $U(n, \mathbb{C})$