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Matrices

Current note has 4 direct children and 4 total descendants.

- [squishy](#)
 - [Matrices](#)
 - $\begin{bmatrix} 2 & \\ & \frac{1}{2} \end{bmatrix}$
 - $\begin{bmatrix} 1 & 1 \\ 1 & 0 \end{bmatrix}$
 - $\begin{bmatrix} 1 & 1 \\ 0 & 1 \end{bmatrix}$
 - $\begin{bmatrix} 2 & 1 \\ 1 & 1 \end{bmatrix}$

And it has 30 siblings.

- [squishy](#)
 - $SL(2)(\mathbb{R}) \curvearrowright \mathbb{R}^2$
 - $SL(2)(\mathbb{R}) \curvearrowright H^2_{\mathbb{U}}$
 - $\text{Mat}_{\mathbb{C}}(2)$
 - $A_{r,\dashv\langle z\mapsto\lambda z\rangle}\backslash\mathbb{R}\boldsymbol{H}^2_{\mathbb{U}}$
 - $\mathbb{C}\setminus\{0\},\dashv\langle z\mapsto z+1\rangle\backslash\mathbb{R}\boldsymbol{H}^2_{\mathbb{U}}$
 - $\mathbb{C}\setminus\{0,1\},\dashv PSL(2)(\mathbb{Z})[2]\backslash\mathbb{R}\boldsymbol{H}^2_{\mathbb{U}}$
 - $\mathbb{R}\ltimes_{\theta}\mathbb{C}^2$
 - $\boldsymbol{CI}(\mathbb{R}^n,\langle\,,\,\rangle_{0,n})$
 - $\mathbb{C}^n$
 - $U(\mathbb{C}\setminus\{0\})$
 - $PSL(2)(\mathbb{C})\curvearrowright\mathbb{C}P^1\cong_{\text{Man}}S^2$
 - $\mathbb{C}P^n$
 - [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](#)
 - $\text{Mat}_{\mathbb{R}}(2)$
 - [Mobius_endomorphisms](#)
 - [Elementary_group_with_finite_and_infinite_sided_Dirichlet_polyhedra](#)
 - [Polynomials](#)
 - $T^*S^1\not\cong_{\text{Sym}}(\mathbb{R}^2\setminus\{0\},\text{d}x\wedge\text{d}y)$
 - $Z\left(\sum_{1\leq j\leq n}z_j^2-1\right)(\mathbb{C})\cong_{\text{Sym}}T^*S^{n-1}$
 - SL
 - SO
 - [Seifert–Weber_dodecahedral_3-manifold](#)
 - $U(n,\mathbb{C})$