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stretchy

The direct children are as follows.

- [stretchy](#)
 - [Trefoil_3_1_knot](#)
 - [The only compact connected Lie group that can act faithfully on a torus is itself](#)
 - [Hecke algebras](#)
 - $\overline{B^n}$
 - $\mathrm{BS}(1,2)$
 - $(\mathbb{C}, +, \times)$
 - $D^* := D \setminus \{0\}$
 - [Cantor set](#)
 - [Configuration space of \$N\$ rigid points in \$\mathbb{R}^3\$](#)
 - [Free groups](#)
 - $GL(2)(\mathbb{Z}) \curvearrowright T^2$
 - H_2^3
 - $[a,b]$
 - [Figure 8 knot](#)
 - [Lamplighter group on \$\mathbb{Z}_2\$](#)
 - $\beta\mathbb{N}$
 - $\#_2\mathbb{R}P^2$
 - $\prod_{i\in\mathbb{N}}\{1,\dots,n_i\}$
 - $\mathbb{R}P^n$
 - $(\mathbb{Q}, +, \times, <)$
 - $\mathbb{Q}_{\hat{p}}$
 - $\overline{\mathbb{Q}}$
 - $\mathbb{Q}_{\mathrm{constr}}$
 - $\mathbb{Q}(\xi_n)$
 - $\mathcal{O}_{\overline{\mathbb{Q}}}$
 - $(\mathbb{R}, +, \times, <, \sup)$
 - [Homeomorphism of \$\mathbb{R}^2\$ that sends \$\mathbb{N}\$ to a countable closed discrete subset](#)
 - $\mathbb{R}^2 \times S^1$
 - $\mathbb{R}^n$
 - $\mathbb{R} \times S^1$
 - $\mathbb{R} \times S^2$
 - S^1
 - $S^1 \wedge S^1$
 - $S^1 \times S^n$
 - S^2 and $\mathbb{C}P^1$
 - [Mapping torus of the antipodal map of \$S^2\$](#)
 - S^3
 - S^n
 - [I-bundle](#)
 - [Symmetric group](#)
 - $\mathbb{I}$
 - T^2
 - T_g^2
 - $T_{0,0,3}^2$
 - $\mathbb{R}^2 \setminus \{0\}$
 - [Three \$T_{1,0,1}^2\$ -glued at their boundaries](#)
 - $T_{1,1,0}^2$
 - T_2^2
 - $T_g^2 \times [0,1]$
 - $\#_{\mathbb{N}}T^2$
 - [Thompson's group](#)
 - T^n
 - [3-valent tree](#)
 - [4-valent tree](#)
 - $[0,1]^{\mathbb{N}}$ [with product topology](#).
 - [Whitehead manifolds](#)
 - $\mathbb{Z}$
 - $\mathbb{Z}[\sqrt{m}]$
 - $\mathbb{Z}[X]$
 - $\mathbb{Z}^{\mathbb{N}}$
 - $\mathbb{Z}[i]$
 - $\mathbb{Z}[i\sqrt{5}]$

Current note has 62 direct children and 133 total descendants.

- [stretchy](#)
 - [Trefoil_3_1_knot](#)
 - [The only compact connected Lie group that can act faithfully on a torus is itself](#)

- [Hecke algebras](#)
- $\overline{B^n}$
 - [End](#)
 - [Fixed points of continuous endomorphisms of the \$n\$ -disk](#)
- $\text{BS}(1,2)$
- $(\mathbb{C}, +, \times)$
 - [\$\mathbb{C}\$ -linear maps \$\mathbb{C} \rightarrow \mathbb{C}\$](#)
- $D^* := D \setminus \{0\}$
- [Cantor set](#)
- [Configuration space of \$N\$ rigid points in \$\mathbb{R}^3\$](#)
- [dihedral](#)
 - D_n
 - [Center of the dihedral group](#)
 - [From the symmetries of a \$n\$ -gon](#)
- [Free groups](#)
 - F_2
 - $[F_2, F_2]$
 - [Normal form of elements of a free group](#)
- $GL(2)(\mathbb{Z}) \curvearrowright T^2$
 - [Arnold cat map \$\begin{bmatrix} 2 & 1 \\ 1 & 1 \end{bmatrix} \curvearrowright T^2\$](#)
 - $SL(2)(\mathbb{Z}) \curvearrowright T^2$
 - [Suspension flows of \$SL\(2\)\(\mathbb{Z}\) \curvearrowright T^2\$](#)
- H_2^3
- $[a, b]$
- [Figure 8 knot](#)
 - [Complement of the figure 8 knot in \$S^3\$](#)
- [Lamplighter group on \$\mathbb{Z}_2\$](#)
- $\beta\mathbb{N}$
- $\#_2\mathbb{R}P^2$
- $\prod_{i \in \mathbb{N}} \{1, \dots, n_i\}$
- $\mathbb{R}P^n$
- $(\mathbb{Q}, +, \times, <)$
- $\mathbb{Q}_{\hat{p}}$
 - [Construction of \$\mathbb{Q}_{\hat{p}}\$](#)
- $\overline{\mathbb{Q}}$
- $\mathbb{Q}_{\text{constr}}$
- $\mathbb{Q}(\xi_n)$
- $\mathcal{O}_{\overline{\mathbb{Q}}}$
- $(\mathbb{R}, +, \times, <, \sup)$
 - [Connected sets in \$\mathbb{R}\$](#)
 - [Existence of \$\mathbb{R}\$](#)
 - [Metrics on \$\mathbb{R}\$](#)
- [Homeomorphism of \$\mathbb{R}^2\$ that sends \$\mathbb{N}\$ to a countable closed discrete subset](#)
- $\mathbb{R}^2 \times S^1$
- $\mathbb{R}^n$
 - [Automorphisms of \$\mathbb{R}^n\$](#)
 - $\text{AutPoly}(\mathbb{R}^n)$
 - $GL(n, \mathbb{R}^n) \curvearrowright \mathbb{R}^n$
 - [Isometric embedding of a subset of \$\mathbb{R}^n\$ into \$\mathbb{R}^n\$](#)
 - [Dot product 2-norm on \$\mathbb{R}^n\$](#)
- $\mathbb{R} \times S^1$
- $\mathbb{R} \times S^2$
- S^1
 - [The map \$z \mapsto z^n\$ on the circle](#)
 - [Left translation \$S^1 \curvearrowright S^1\$](#)
 - [Homeomorphisms \$S^1 \rightarrow S^1\$](#)
 - [Loops in \$S^1\$ upto homotopy](#)
- $S^1 \wedge S^1$
- $S^1 \times S^n$
- S^2 and $\mathbb{C}P^1$
 - [Almost complex structure on \$S^2\$ induced from spherical metric and its area form](#)
 - [Borsuk-Ulam theorem](#)
 - [Cylindrical coordinates on \$S^2\$](#)
 - [Holomorphic vector bundles on \$\mathbb{C}P^1\$](#)
 - [Round metric on \$S^2\$](#)
 - [The area form on round \$S^2\$](#)
 - [Stereographic coordinates on the sphere \$S^2\$](#)
 - TS^2
 - [Vector fields on \$S^2\$](#)
 - [Hamiltonian flows on the sphere \$S^2\$](#)
- [Mapping torus of the antipodal map of \$S^2\$](#)
- S^3
 - [\$S^3\$ as two solid 3-balls glued at boundary](#)
 - [\$S^3\$ as two solid tori glued at their boundaries](#)
- [seq](#)
 - [Binomial coefficients](#)
 - [Fibonacci sequence](#)
 - [Fibonacci generating function](#)
 - [Harmonic series](#)

- [shift](#)
 - [Left and right shift on \$l^2\(\mathbb{N}\)\$](#)
 - [Right shift operator](#)
- S^n
 - [\$O\(n+,\mathbb{R}\) \curvearrowright S^n\$](#)
 - [\$U\(n,\mathbb{C}\) \curvearrowright S^{2n-1}\$](#)
 - [Lebesgue measure on \$S^n\$](#)
 - TS^n
- [I-bundle](#)
- [Symmetric group](#)
 - S_3
 - [Permutation representation of \$S_3\$](#)
 - [Standard representation of \$S_3\$](#)
 - S_4
 - S_5
 - S_n
 - [Finite cycle decomposition](#)
 - [Representations of \$S_n\$](#)
 - [Irreducible representations of \$S_n\$](#)
- $\lim S_n$
- $\mathbb{I}$
- T^2
 - [Torus identified with a glued rectangle](#)
 - [Translation flows on the 2-torus](#)
- T_g^2
 - $\pi_1(T_g^2,p)$
- $T_{0,0,3}^2$
 - [Teichmuller space of a pair of pants](#)
- $\mathbb{R}^2 \setminus \{0\}$
 - [Angle form on \$\mathbb{R}^2 \setminus \{0\}\$](#)
 - [de Rham cohomology of the punctured plane](#)
- [Three \$T_{1,0,1}^2\$ glued at their boundaries](#)
- $T_{1,1,0}^2$
 - [Deformation retract of a punchered torus to wedge sum of two circles](#)
- T_2^2
- $T_g^2 \times [0,1]$
- $\#_{\mathbb{N}}T^2$
- [Thompson's group](#)
- T^n
- [3-valent tree](#)
- [4-valent tree](#)
- $[0,1]^{\mathbb{N}}$ [with product topology](#).
- [Whitehead manifolds](#)
- $\mathbb{Z}$
 - [Division in \$\mathbb{Z}\$](#)
 - [Euler totient function](#)
 - [gcd of integers](#)
 - [Primes in \$\mathbb{N}\$](#)
 - [Partitions of naturals](#)
 - [Prime-representing function](#)
- $\mathbb{Z}[\sqrt{m}]$
 - $\mathbb{Z}[\sqrt{3}]$
- $\mathbb{Z}[X]$
- $\mathbb{Z}^{\mathbb{N}}$
- $\mathbb{Z}[i]$
- $\mathbb{Z}[i\sqrt{5}]$

And it has 0 siblings.