Problem: Construct knot invariants from the combinatorics of ideal triangulations of knot complements.

$T =$ "chopped tetrahedron"

G_T: The groupoid generated by small edges
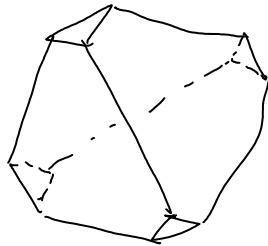
Def A Δ-groupoid is a topological groupoid G with a subset H stable under inversion i along with an involution $j: H \to H$ s.t. . . . . .

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