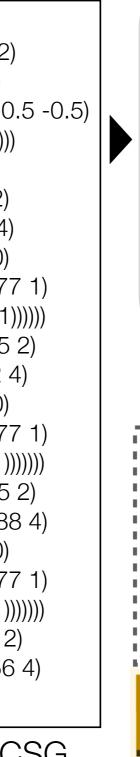
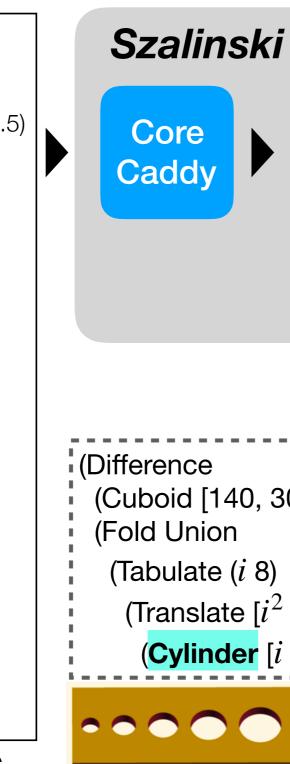
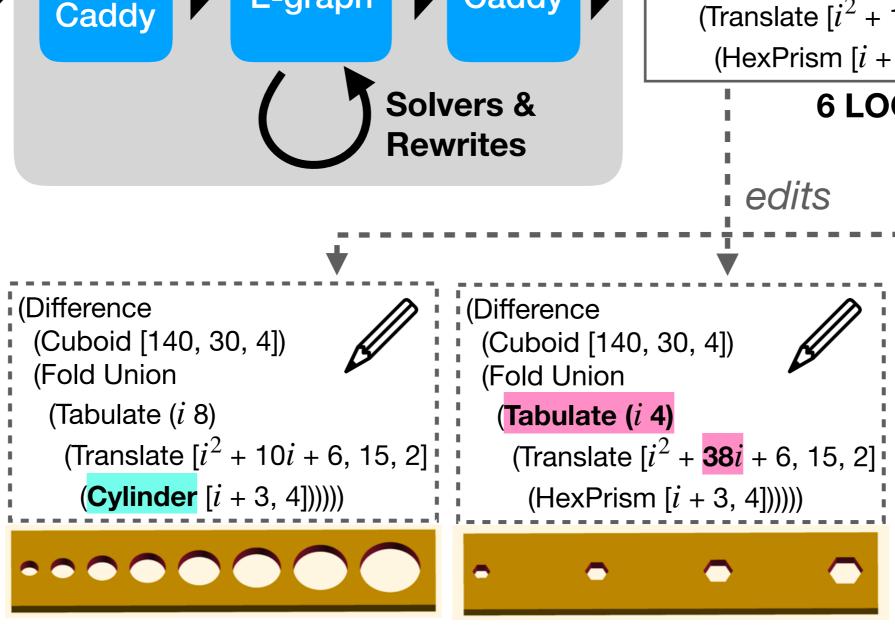
facet normal 0 0 0 outer loop vertex 9 15 0 vertex 7.5 17.5964 4 vertex 7.5 17.5964 0 endloop endfacet facet normal 0 0 0 outer loop vertex 7.5 17.5964 4 vertex 9 15 0 vertex 9 15 4 endloop endfacet facet normal 0 0 0 outer loop vertex 4.5 17.5964 0 vertex 7.5 17.5964 4 vertex 4.5 17.5964 4 endloop endfacet

(Diff (Translate (70 15 2) (Scale (140 30 4) (Translate (-0.5 -0.5 -0.5) (Cuboid (1 1 1))))) (Union (Translate (6 15 2) (Scale (6 5.196 4) (Translate (0 0 0) (Scale (0.5 0.577 1) (HexPrism ( 1 1)))))) (Translate (125 15 2) (Scale (20 17.32 4) (Translate (0 0 0) (Scale (0.5 0.577 1) (HexPrism (1 1)))))) (Translate (102 15 2) (Scale (18 15.588 4) (Translate (0 0 0) (Scale (0.5 0.577 1) (HexPrism (1 1)))))) (Translate (81 15 2) (Scale (16 13.856 4)





Core



E-graph

Caddy

(Difference (Cuboid [140, 30, 4]) (Fold Union (Tabulate (i 8) (Translate  $[i^2 + 10i + 6, 15, 2]$ (HexPrism [i + 3, 4]))))6 LOC, Caddy edits



!(Difference



! (Difference (Cuboid [140, 30, 4]) (Fold Union (Tabulate (i 6)



(Translate [20i + 20, 15, 2] (Rotate [0, 0, 45*i*]

(Cuboid [12, 12, 4])))))

(Cuboid [140, 30, 4]) (Fold Union (Tabulate (i 10)

(Translate  $[i^2 + 10i + 6, 15, 2]$ 

(HexPrism [(i + 3) / 2, 4]))))



~1600 LOC, Mesh ~ 50 LOC, CSG