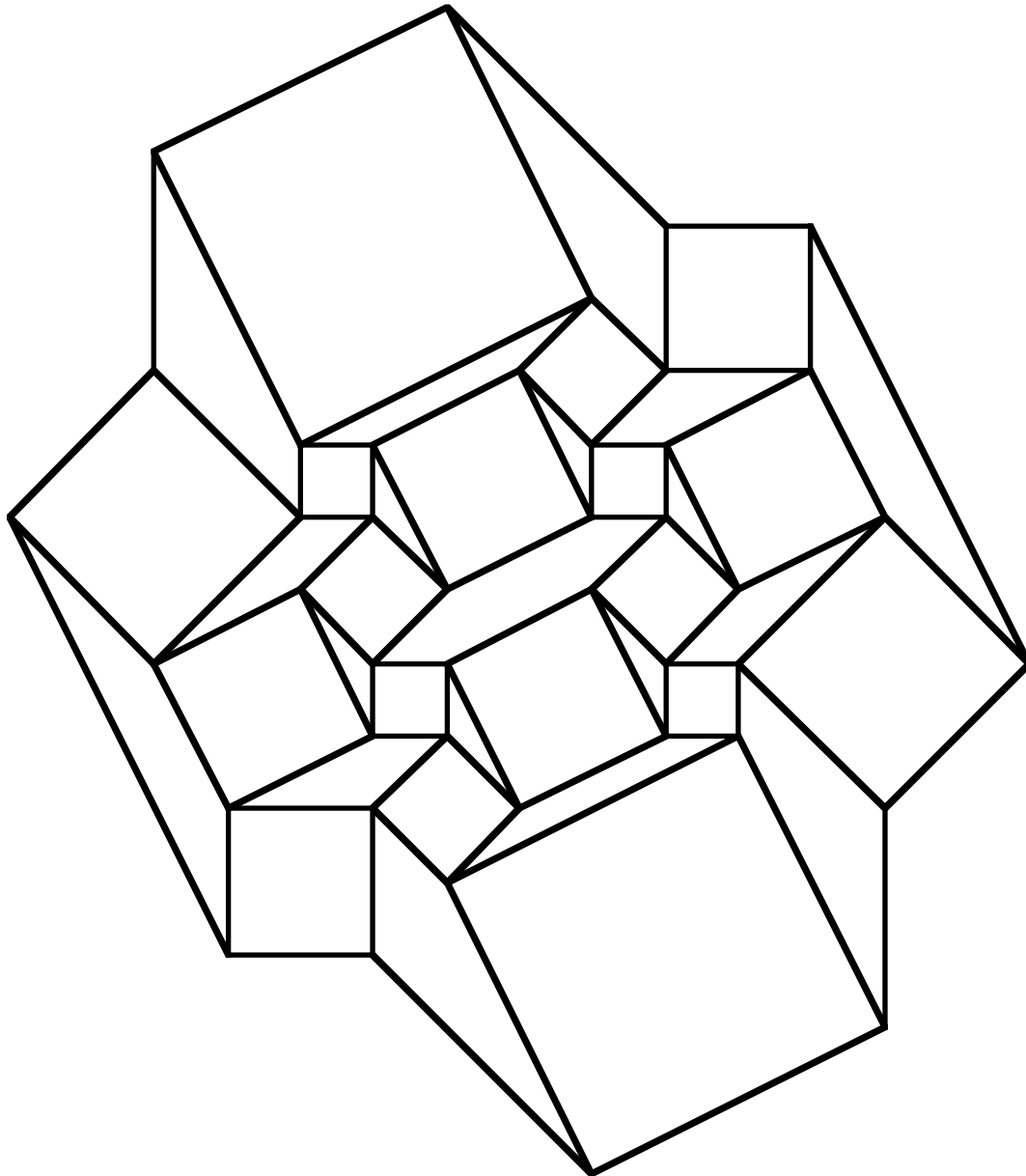


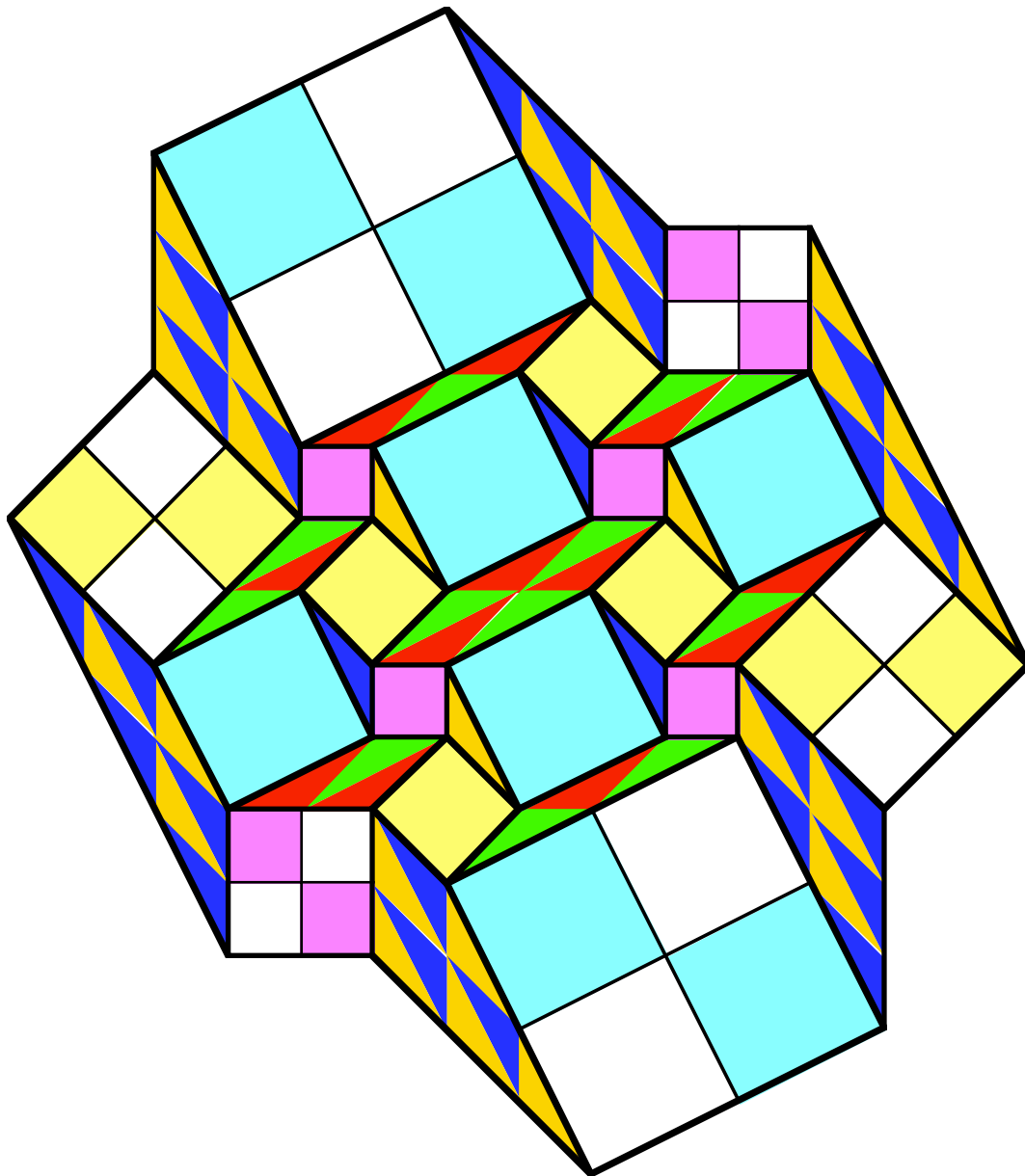
Hans Walser, [20090629b]

Puzzle, and Fibonacci Numbers

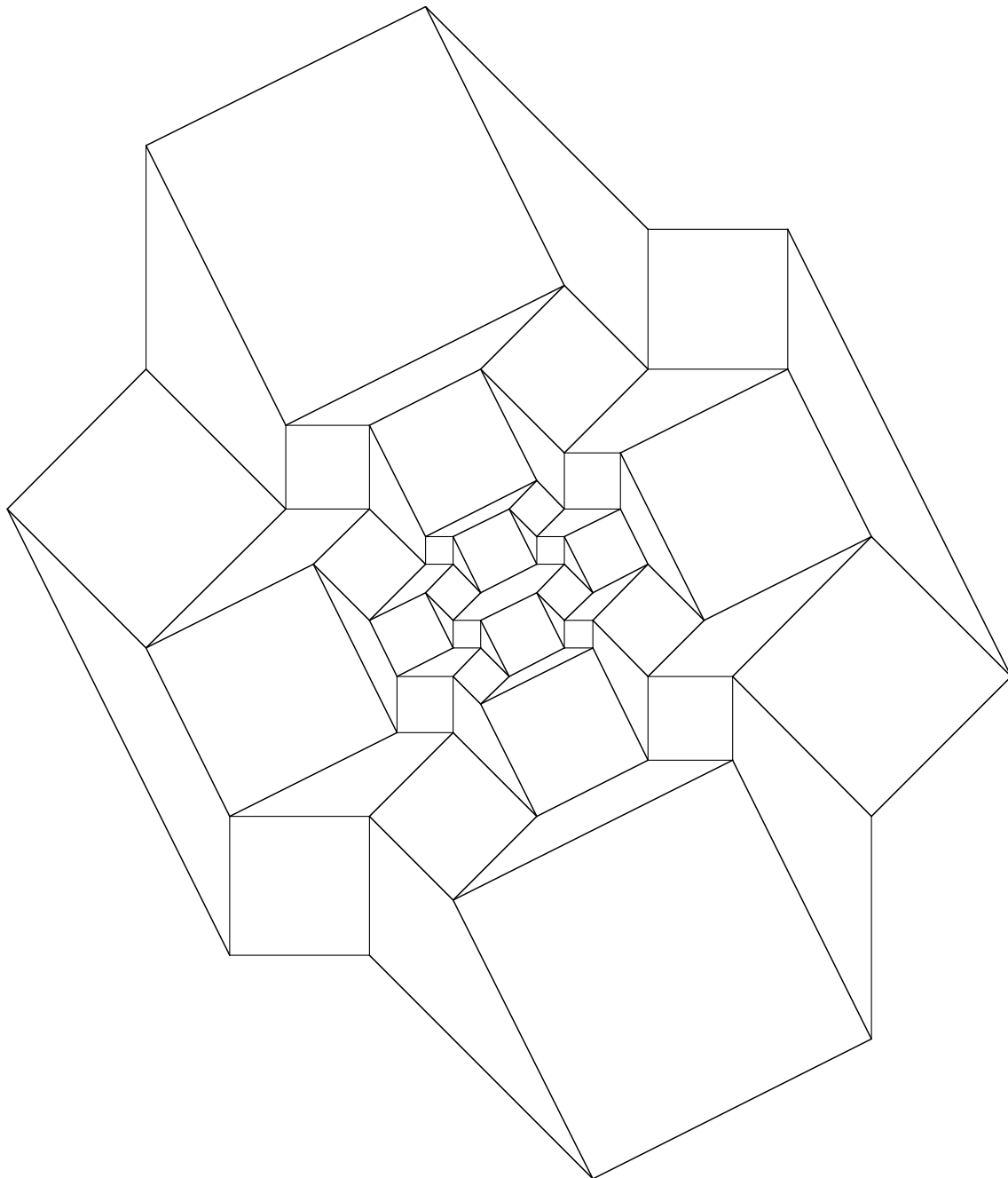
You may fill the polygons by triangles of one size and shape and squares of three sizes.
The central hexagon is affine regular.



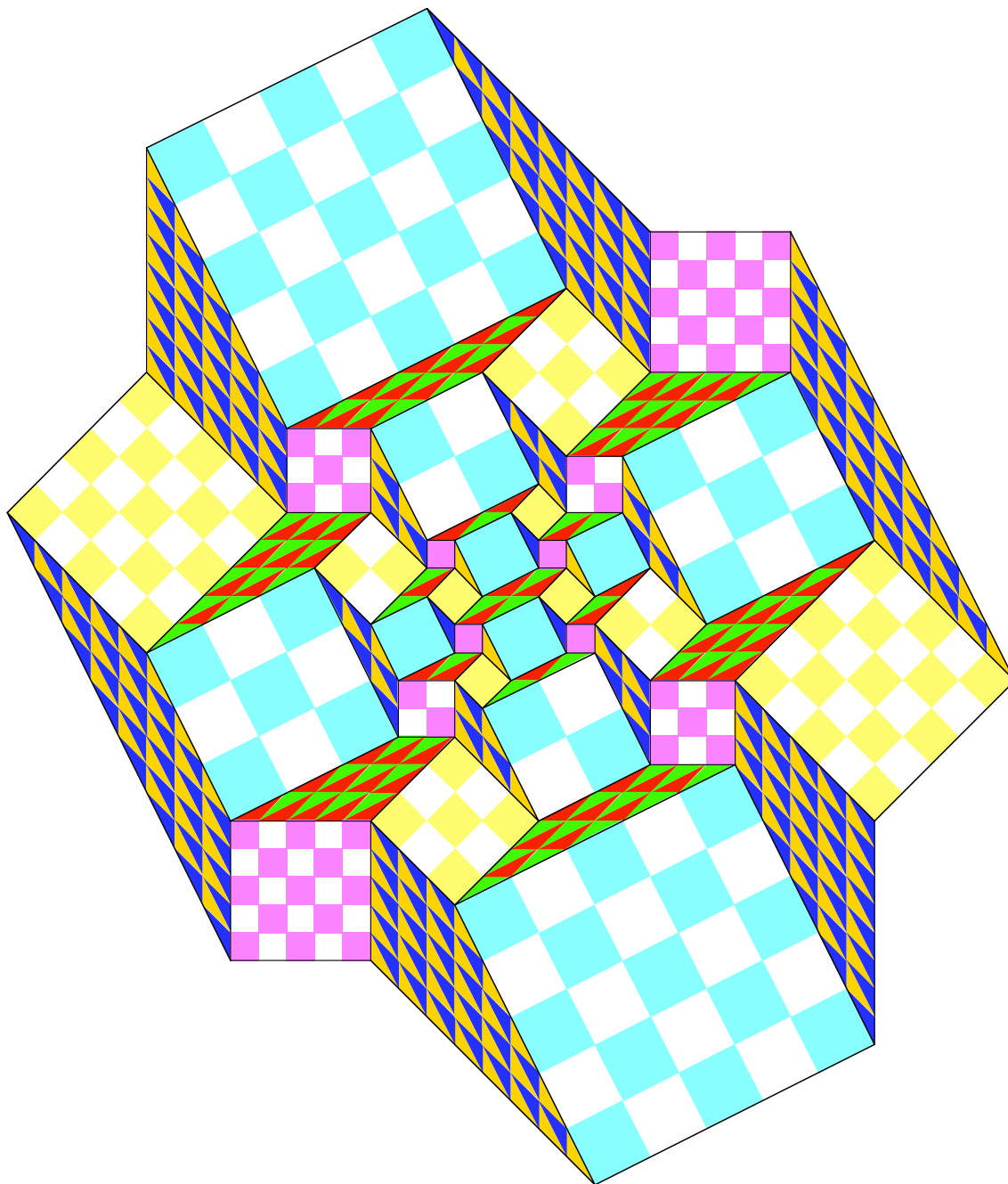
The Puzzle



Solution



Next two steps



Solution

Do you see the Fibonacci numbers 1, 1, 2, 3, 5, 8?

Reference

[Deshpande 2009] Deshpande, M. N. : Proof Without Words: Beyond Extriangles. MATHEMATICS MAGAZINE. Vol. 82, No. 3, June 2009, p. 208.