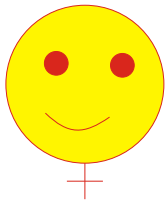


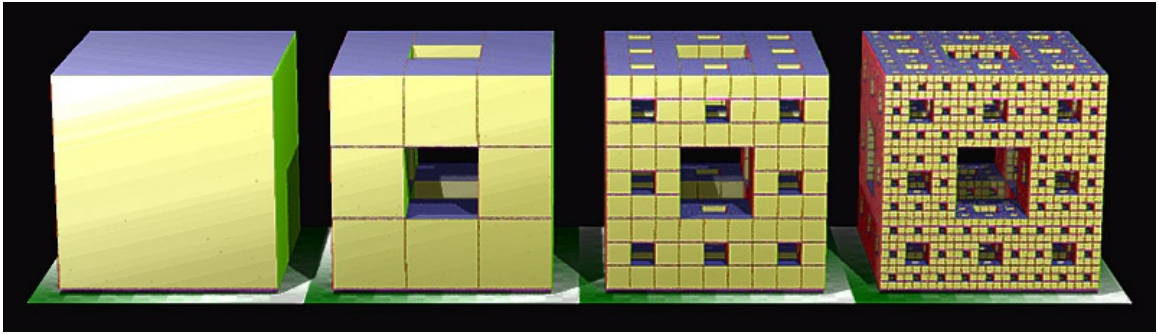
After ω steps we obtain from the house the Menger sponge (containing any curve, K. Menger 1926).

After ω steps we obtain from the roof the Sierpinski carpet (containing all plane curves, W. Sierpinski 1916).

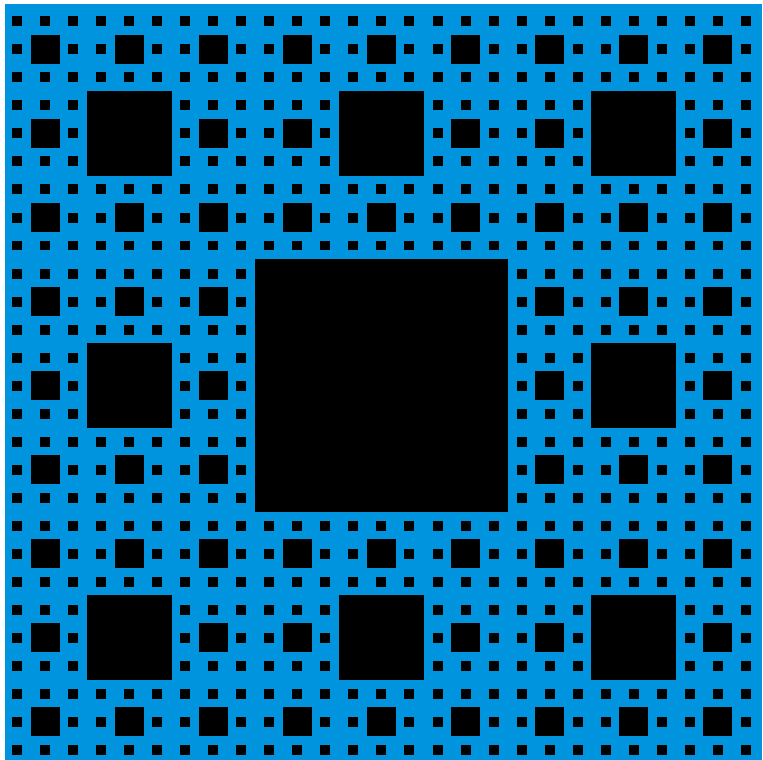
After ω steps we obtain from the wire the Cantor set (typical compact metric space, G. Cantor 1883).



What happened?



Our house was 3 times taxed by $7/27$.



Our roof was 4 times taxed by $1/9$.



Our power wire was 4 times taxed by $1/3$.

But our stairs
are comfortable.

