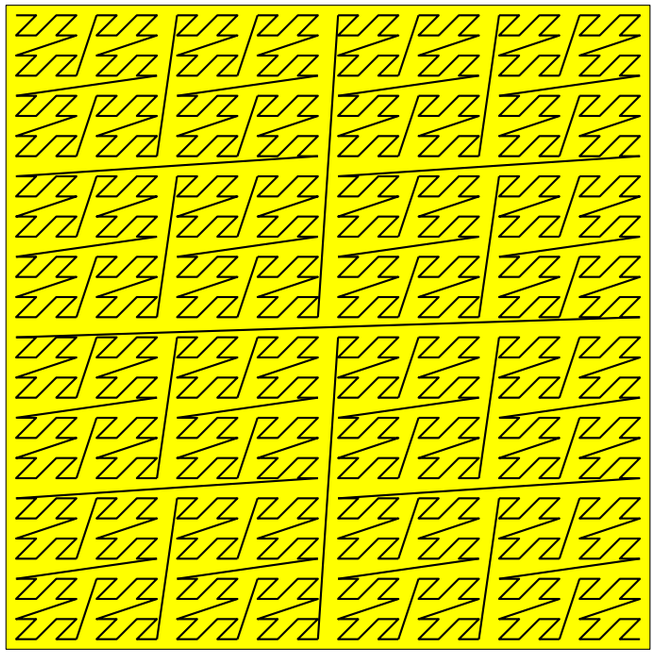
Ingredients: ... and Z-order

Z-order space-filling curve: visit quadrants recursively in order NW, NE, SW, SE