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## 7 drawing-styles for designs

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it's slightly interesting to work out the 7 drawing-styles for designs in the special case of "eisensteinian" designs ....

the 3 least-cluttered styles are:

- 1. the "voronoi" style that looks like a honeycomb of hexagons
- 2. the poincare-dual to the above which turns out to be a grid of equilateral triangles
- 3. a somewhat attractive tiling by 60/120/60/120 rhombuses that looks like a 2d projection of a 3d stack of cubes.

the 3 intermediate-clutter-level styles are:

- 4. a tiling by 30/30/120 obtuse triangles
- 5. a tiling by smaller equilateral triangles with 2 colors of vertexes
- 6. a tiling by 60/90/120/90 "kites"

and the highest clutter-level style is:

1 of 2 12/3/2022, 12:46 PM

7. the coxeter tiling, which is the barycentric subdivision of the honeycomb, where the tiles are 30/60/90 right triangles.

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2 of 2 12/3/2022, 12:46 PM