

Small aperiodic sets of Wang tiles

Sébastien Labbé, mars 2024

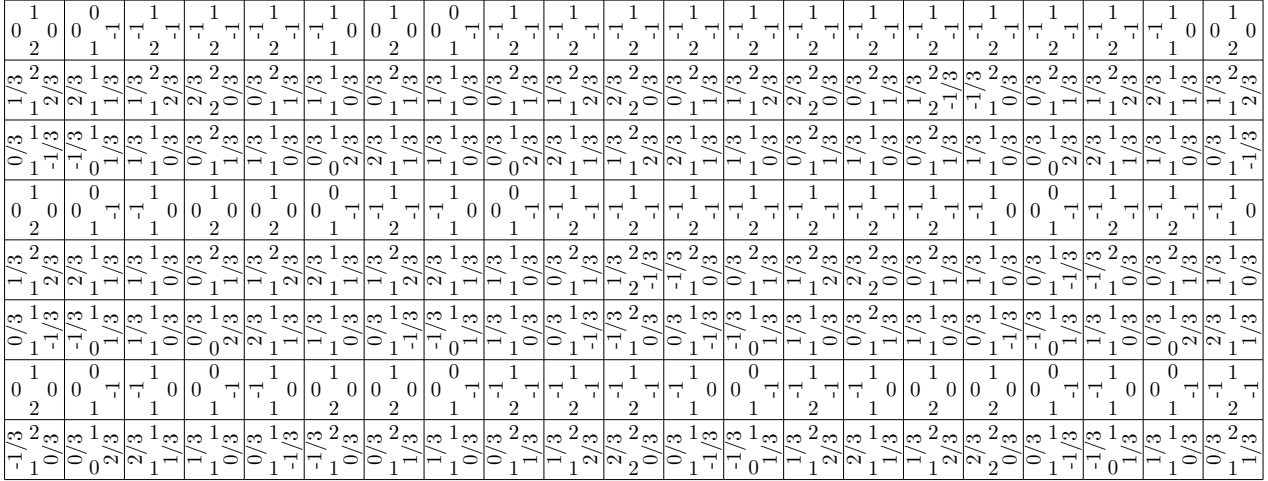
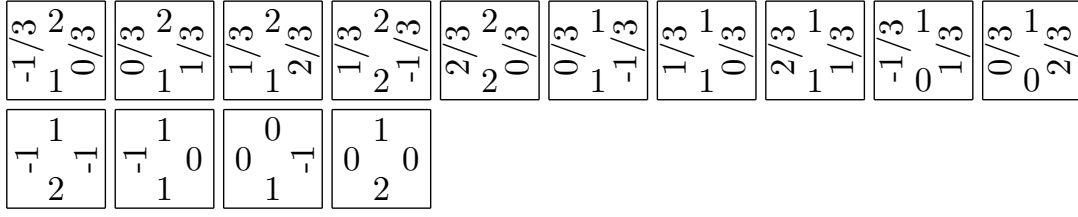


FIGURE 1. Kari's 14 Wang tiles [Kar96] computing $\times_{\frac{2}{3}}$ and $\times 2$ and a rectangular tiling.

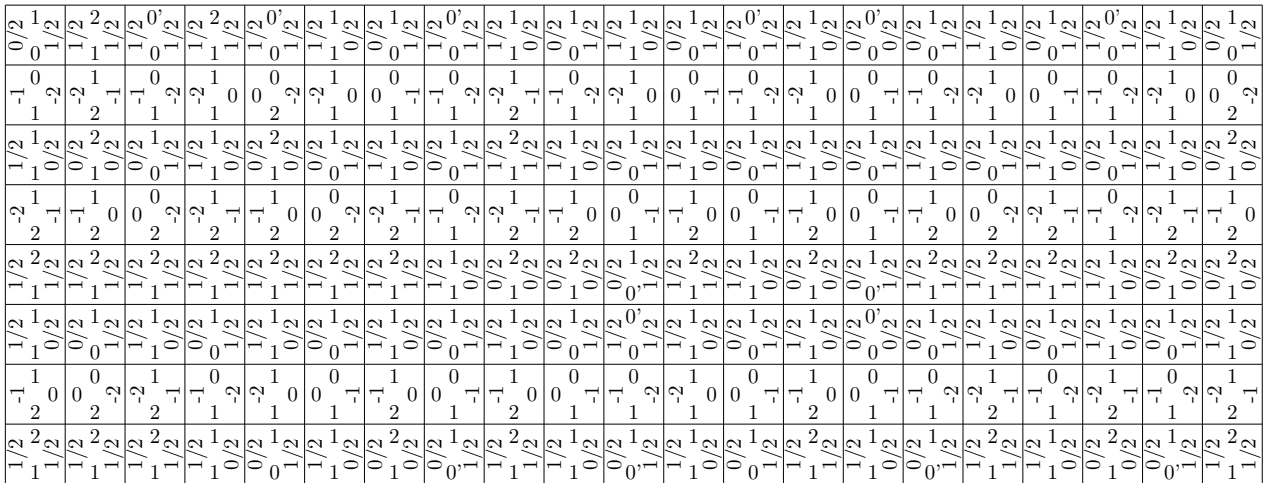
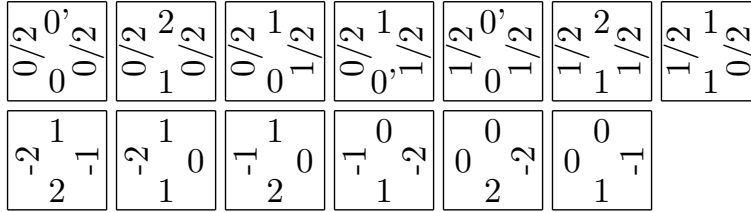


FIGURE 2. Culik's 13 Wang tiles computing $\times_{\frac{1}{2}}$ and $\times 3$ [Cul96] and a rectangular tiling.

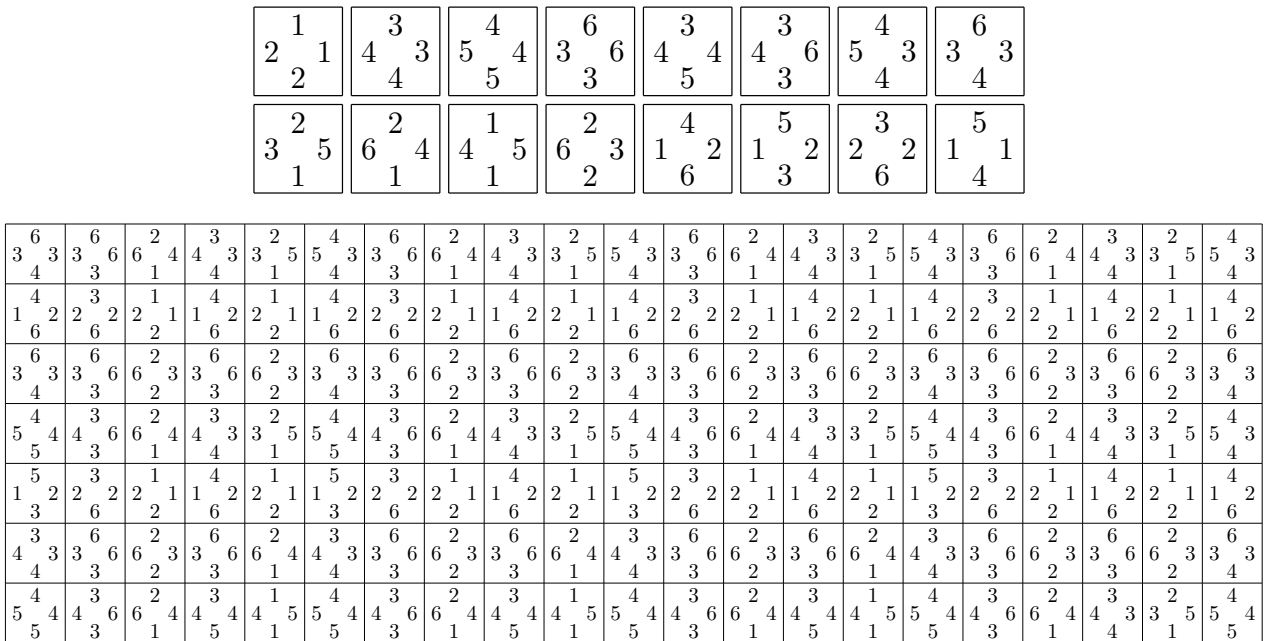


FIGURE 3. Ammann's 16 Wang tiles [GS87] and a rectangular tiling.

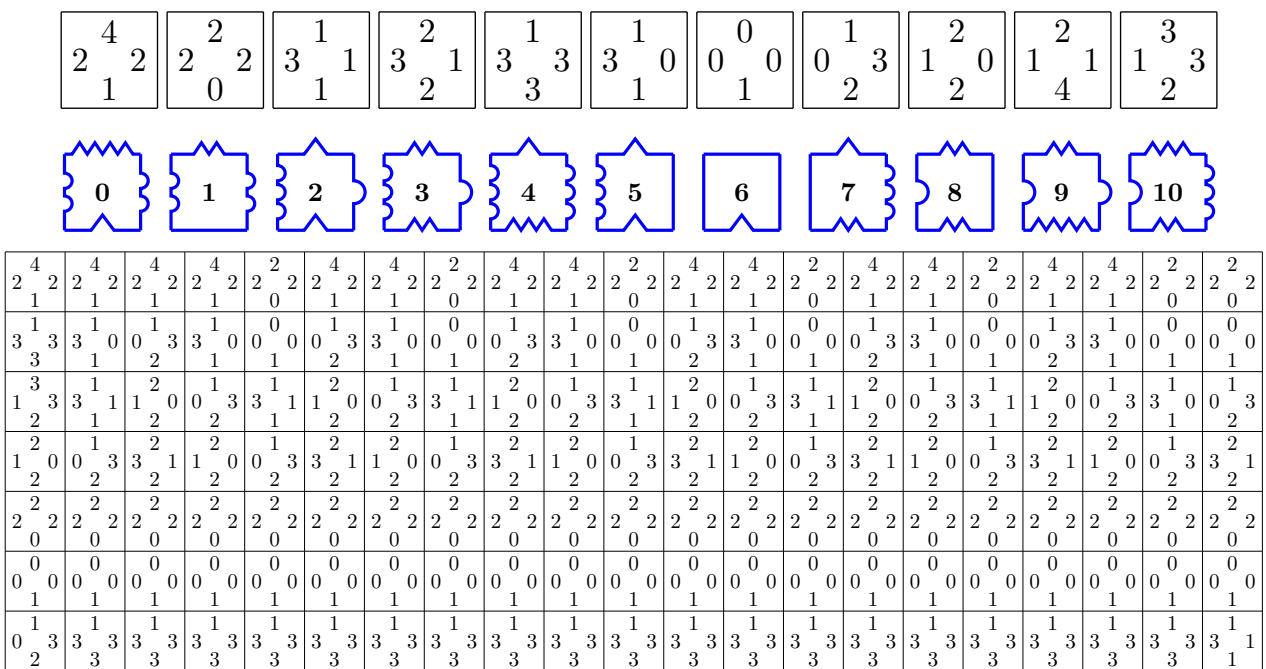


FIGURE 4. Jeandel-Rao's 11 Wang tiles [JR21], their equivalent geometrical shapes [Lab21] and a rectangular tiling.

REFERENCES

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