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<sup>1</sup> Personal work

## Polymatics

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Polymatics grew from an idea to visualize mathematical concepts, especially prime and composite numbers. It started with doodles on a sketchbook that eventually became 6 meters wide drawings. Being a hobby musician, I looked further into the relation between music and mathematics, and –almost without noticing it– into algorithmic composition. My research is focused on the confrontation of prime numbers and chaos on the one side, composite numbers and harmony on the other side. I consider myself more an illustrator than a mathematician and my research should be considered an experimental playground. However, unlike many Artists working with mathematics, my goal is not to use mathematics to create Art, but to understand artistic creation. The drawings and music presented is the result of a one month Artist-residency at GEMAK, The Hague in 2015.