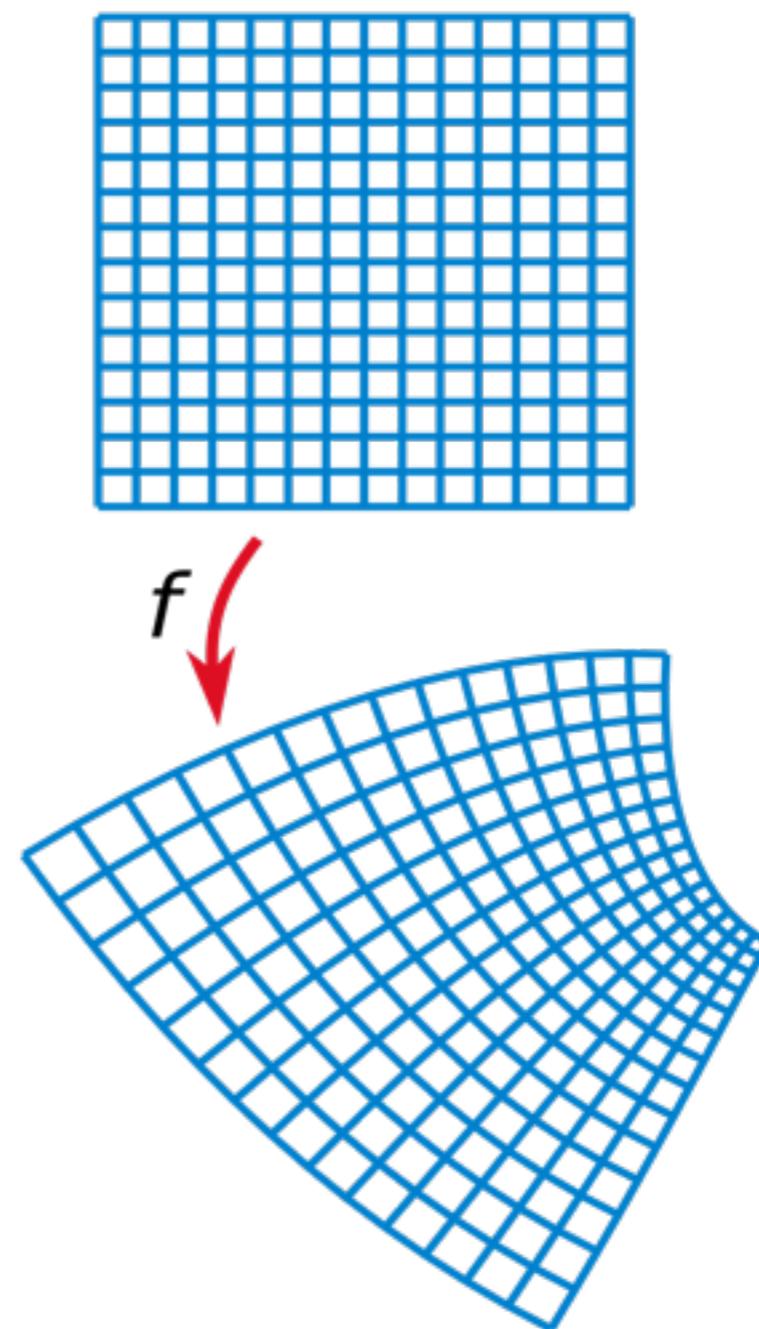
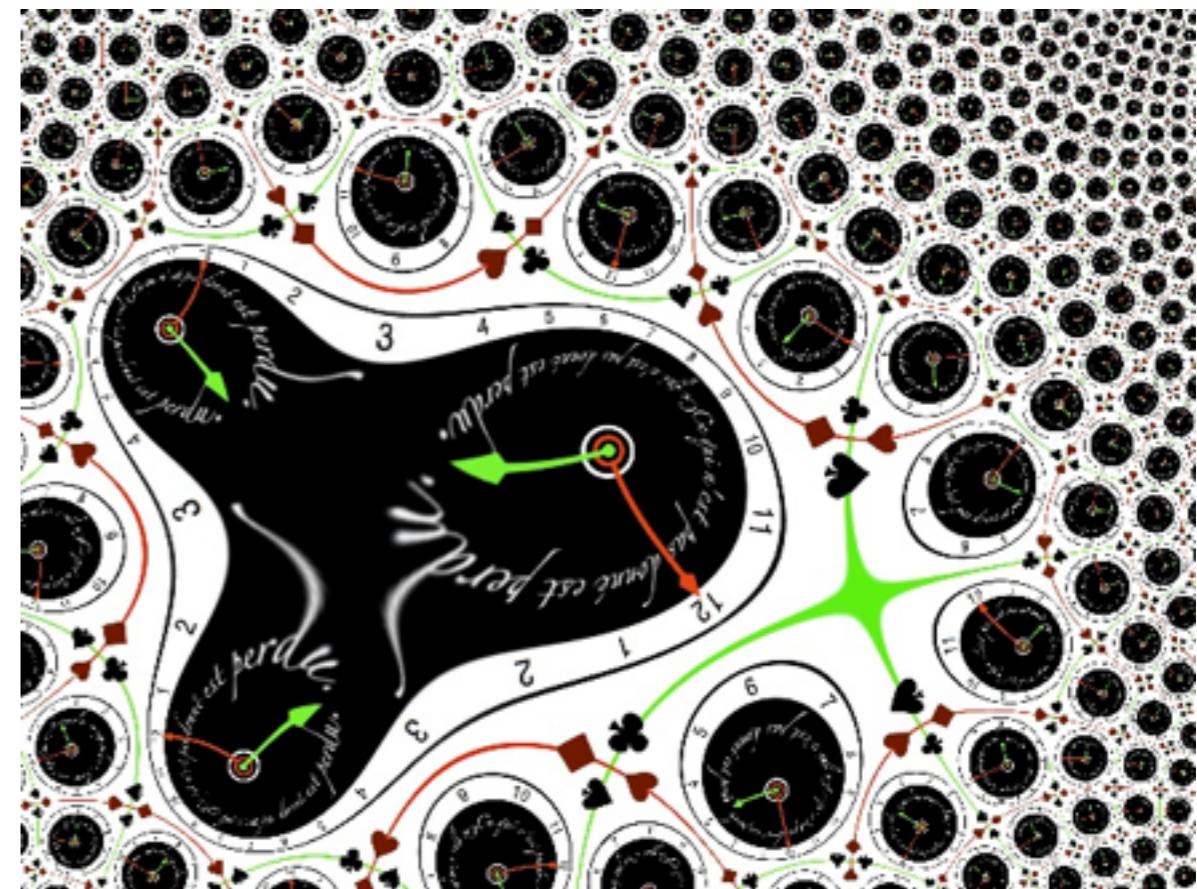
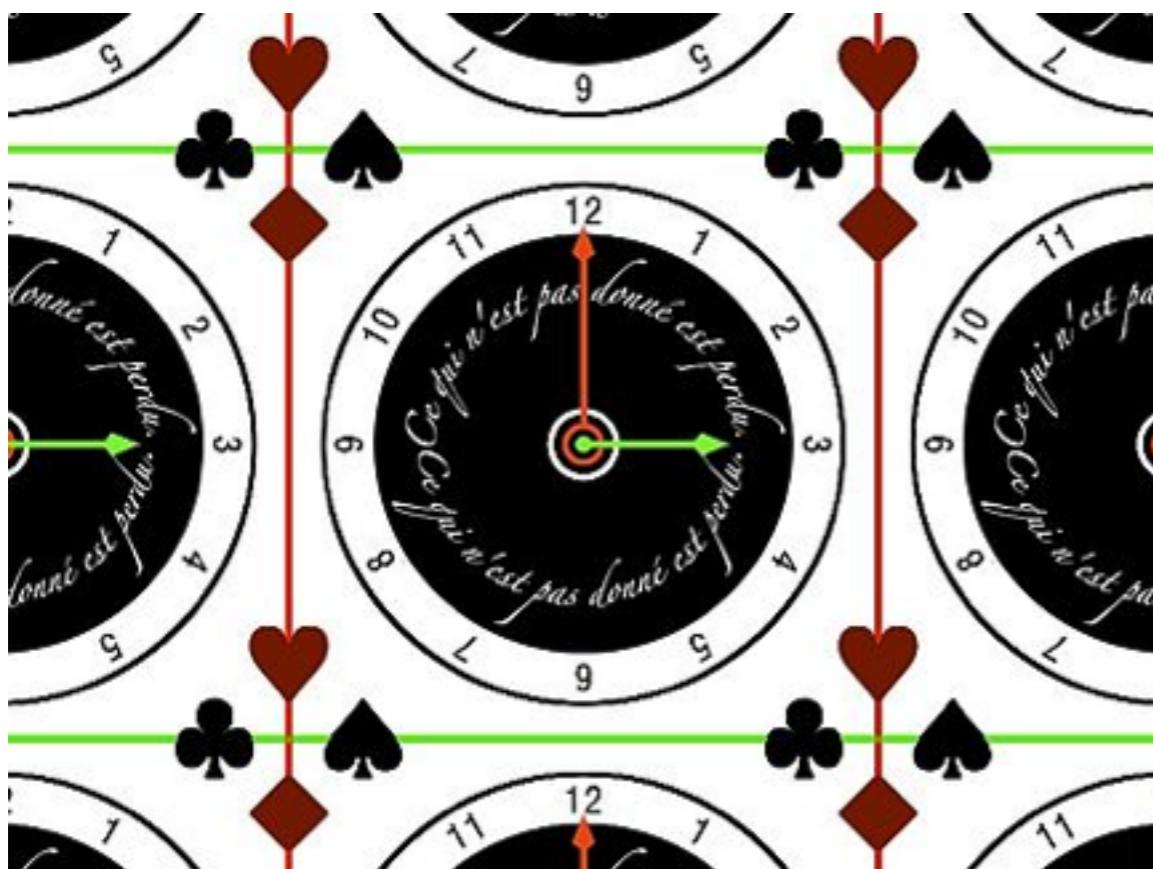


angle preserving



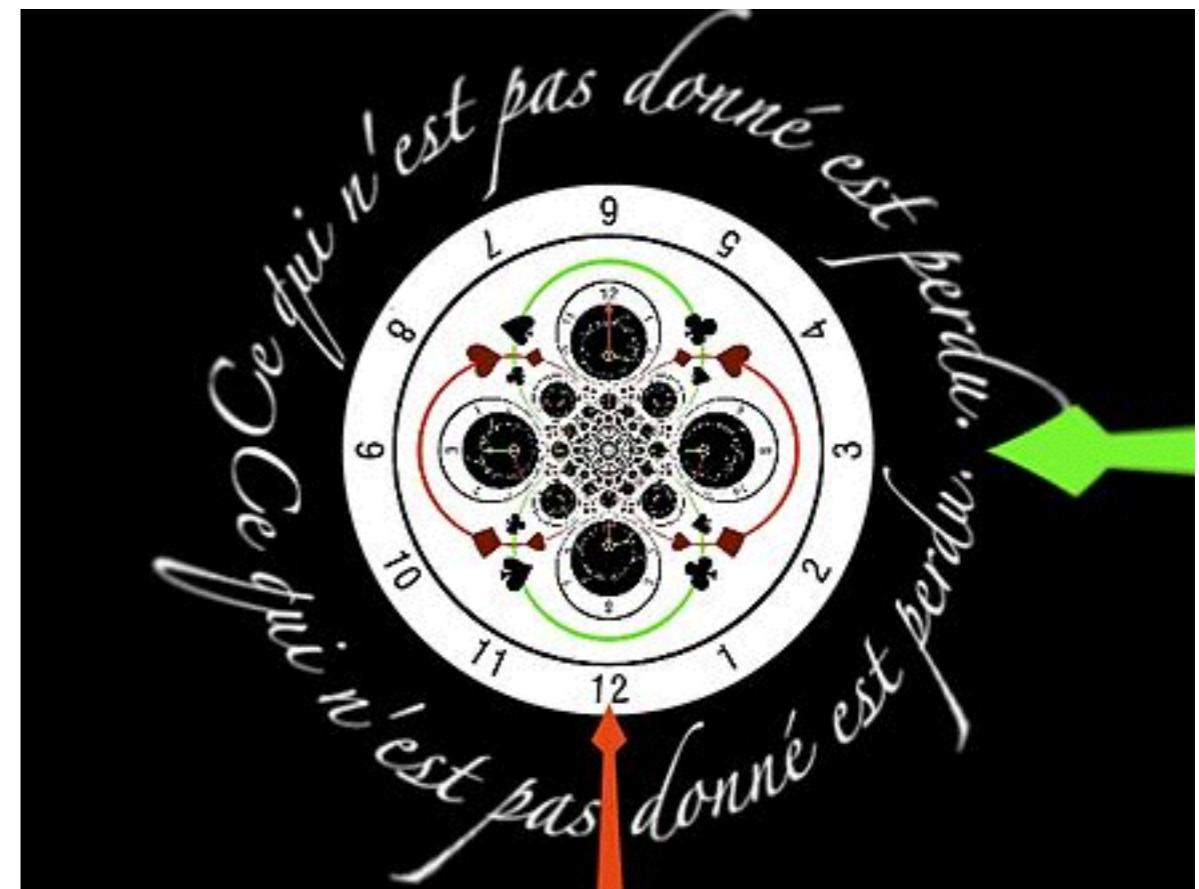
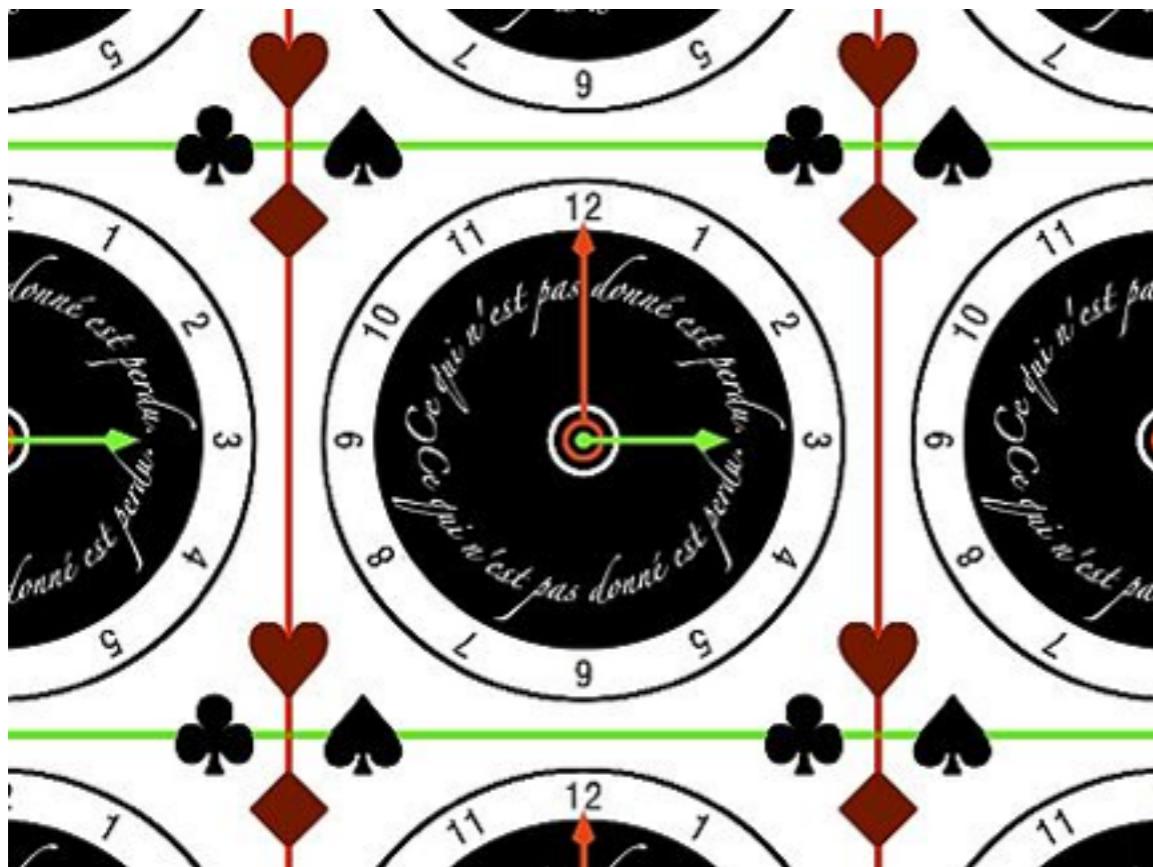
Examples

polynomial of degree 4



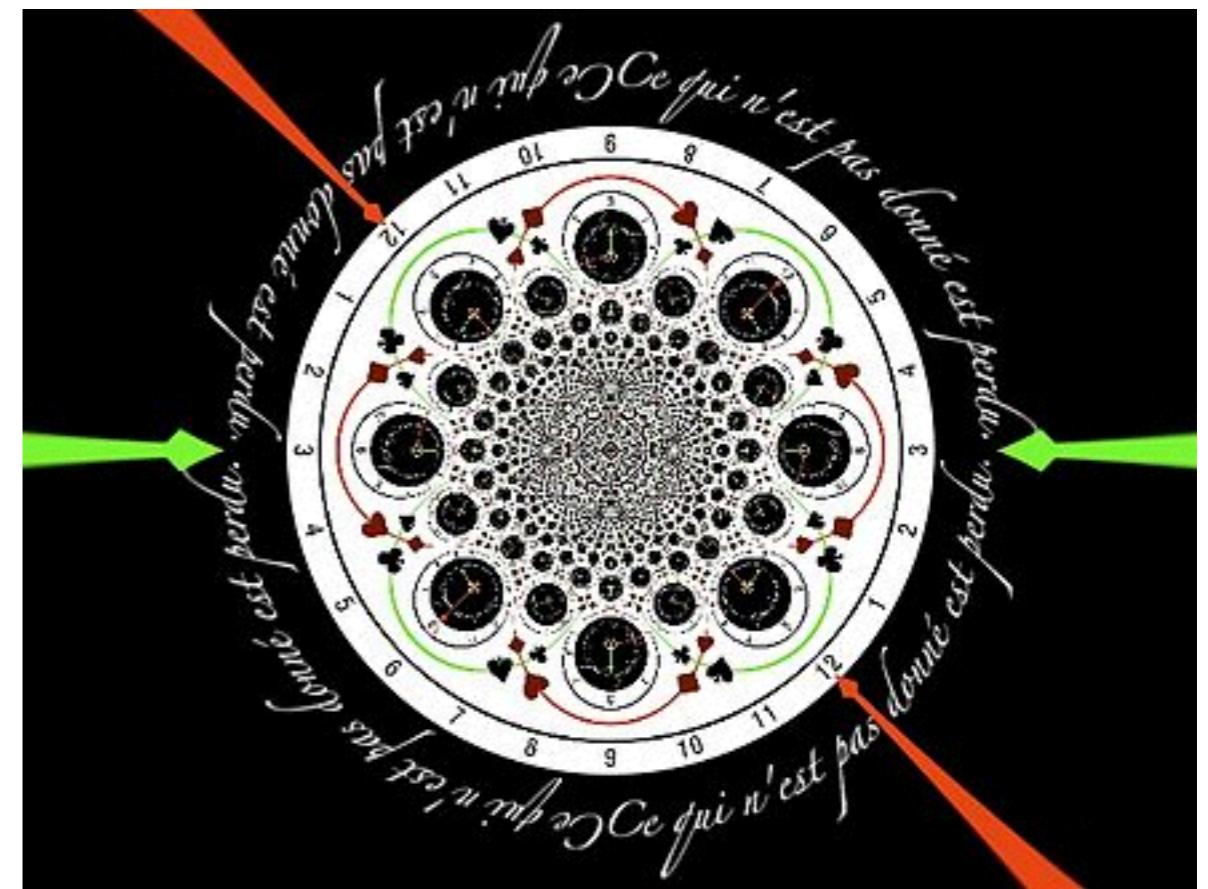
Examples

inversion $z \mapsto 1/z$



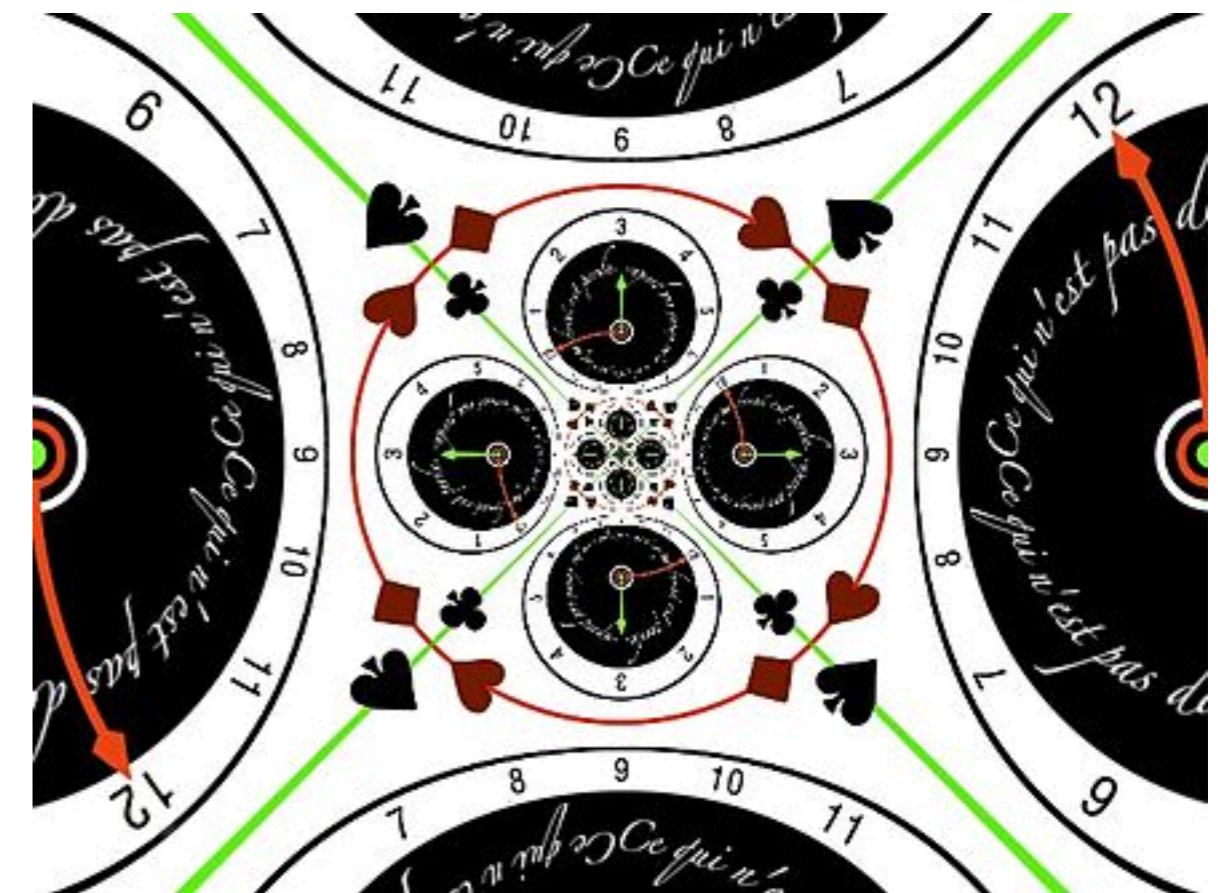
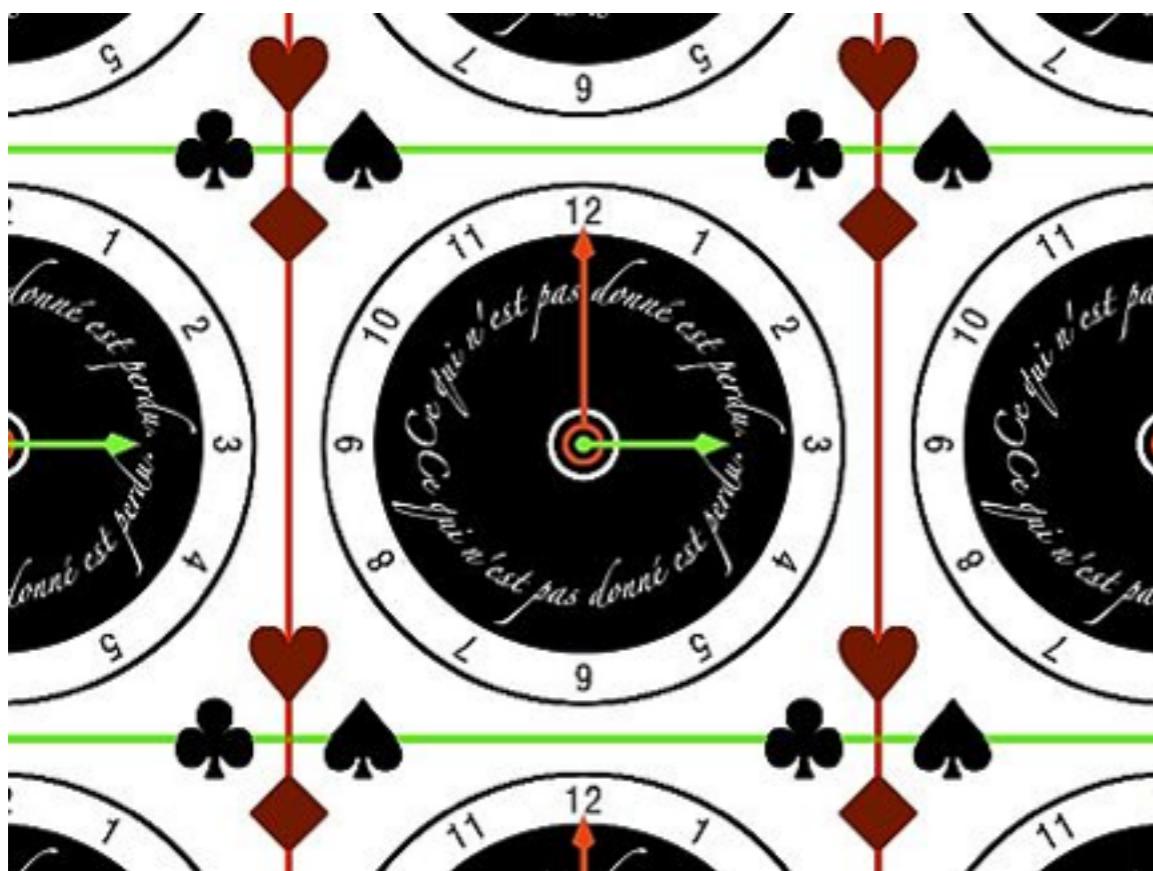
Examples

“squared” inversion $z \mapsto 1/z^2$



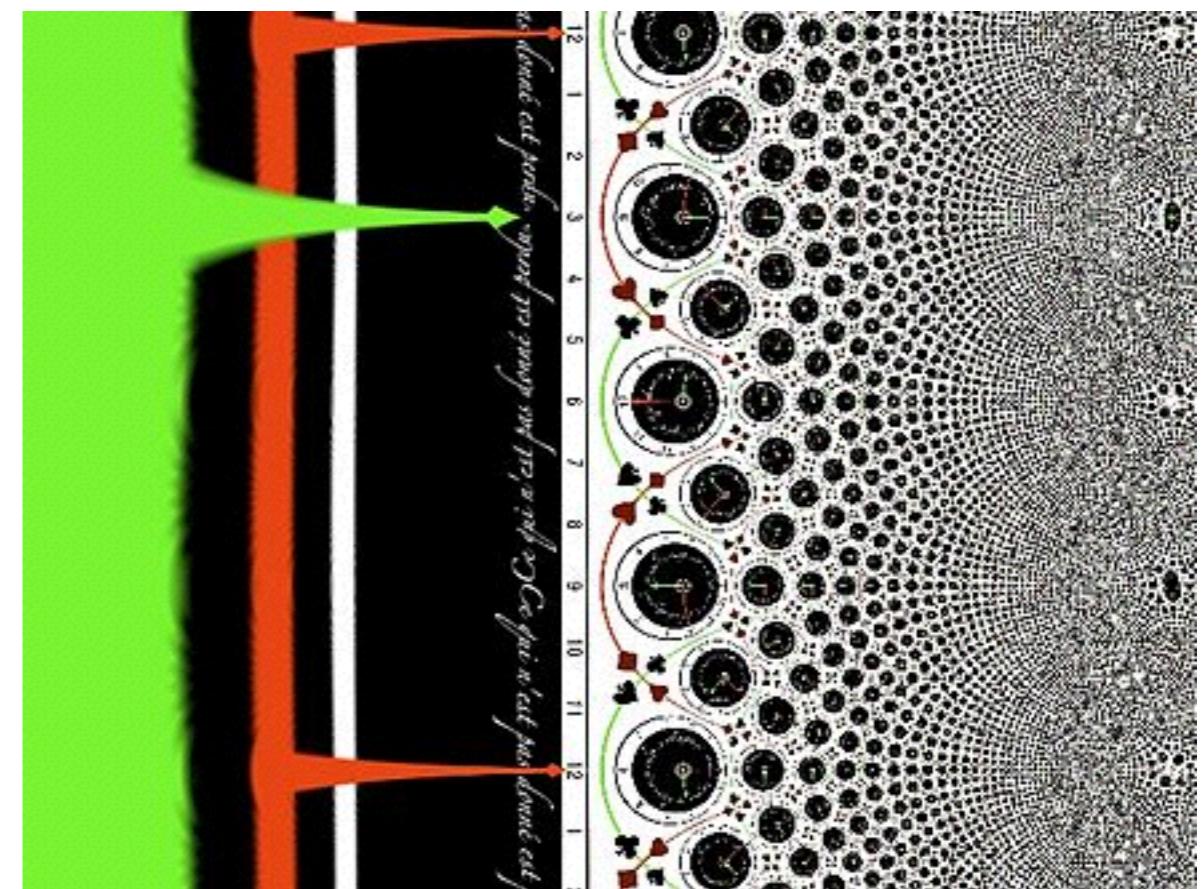
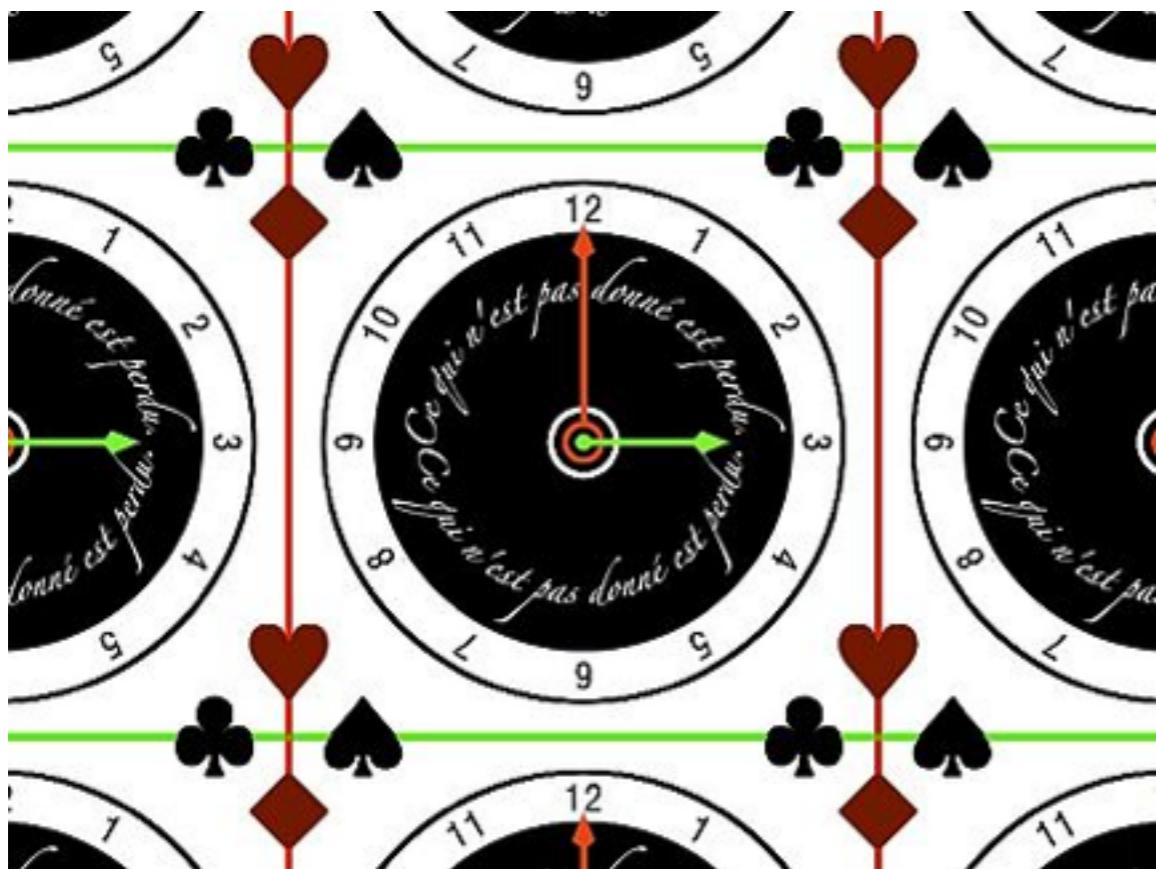
Examples

exponential $z \mapsto \exp(z)$



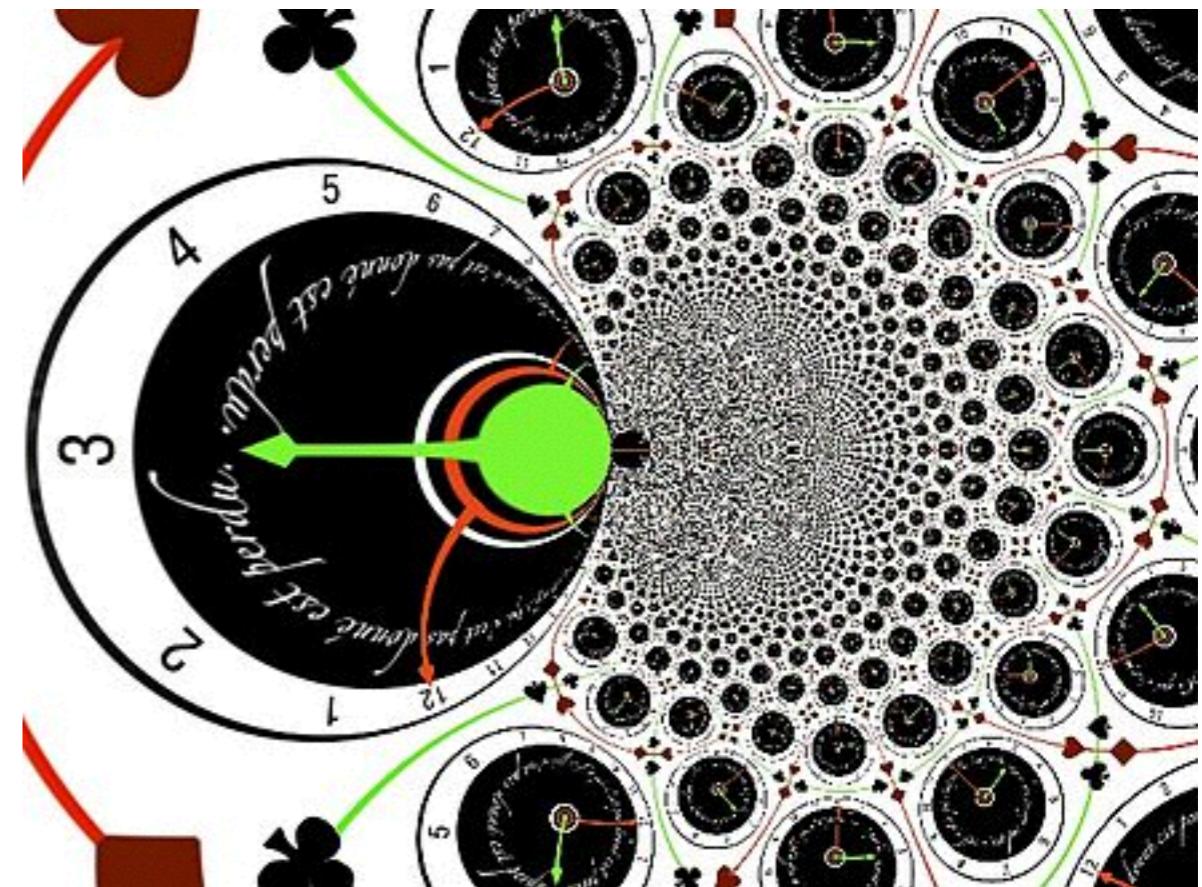
Examples

logarithm $z \mapsto \log(z)$



Examples

$$z \mapsto \exp(1/z)$$





Conformal Mapping

Joukowsky Transformation

Glenn
Research
Center

