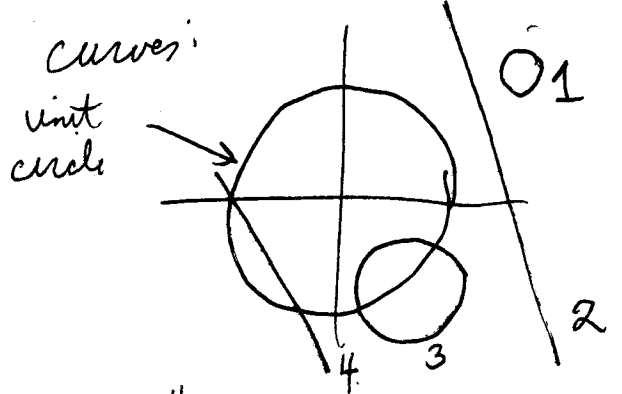
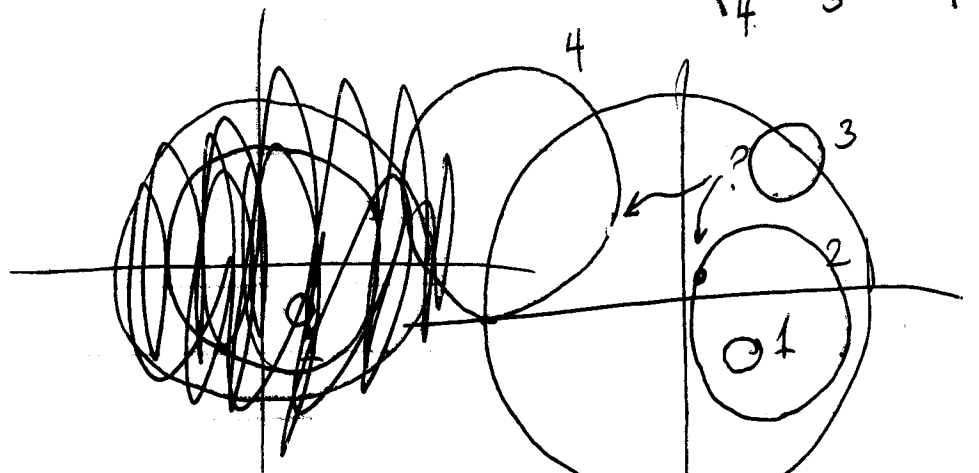


What is the effect of this "reflection" on these



you get:



What the heck gives straight lines in the range space (Answer: lines ~~are~~ circles through the origin.)

Even more is the observation that $LF(\mathbb{C})$, which we have proved "acts" on the set {lines, circles} in $\mathbb{C}P^2$, acts transitively on this set. Probably the best way to prove this is to discuss the cross-ratio. I choose instead to verify an example in the text, the Cayley mapping