

$$\mathbb{R}^2 \xrightarrow{\sim} \mathbb{R}^2: \quad x:y\mathfrak{L} = \frac{1}{3}(1 + \sin y: \cos x) \Rightarrow \begin{cases} \bigwedge_{z \in \mathbb{R}^2} \|\mathfrak{L}z\| \leq \frac{1}{3}\|z\| \text{ 2-norm} \\ \bigvee_{o \in B_1(0)} : \quad o\mathfrak{L} = o \text{ fix} \end{cases}$$

$$\mathbb{R}^2 \xrightarrow{\sim} \mathbb{R}^2: \quad x:y\mathfrak{L} = \frac{1}{3} \left(1 + \frac{y}{2} : \frac{1-x}{3} \right) \Rightarrow \bigvee_{\text{fix}} o = o\mathfrak{L} \in \mathbb{R}^2: \text{ bestimme } o$$