

$$2_{\mathbb{C}} \text{ min} \Leftrightarrow \text{no } C|C = -1$$

$$2_{\mathbb{C}} \text{ non-min} \Rightarrow \text{blow-down min}$$

$$2_{\mathbb{C}} \text{ min rat} \Leftrightarrow \begin{cases} \mathbb{P}^2 \\ \mathbb{P}_n^{1:1} \end{cases} \text{ Hirz}$$

$$\mathbb{P}_n^{1:1} = \begin{cases} z_1 \lambda : z_2 \lambda : z_3 \lambda^n : z_4 \\ z_1 : z_1 : z_3 \mu : z_4 \mu \end{cases}$$

$$p:q \text{ bi-hom} \begin{cases} f(z_1 \lambda : z_2 \lambda : z_3 \lambda^n : z_4) = f(z_1 : z_2 : z_3 : z_4) \lambda^p \\ f(z_1 : z_1 : z_3 \mu : z_4 \mu) = f(z_1 : z_1 : z_3 : z_4) \lambda^p \end{cases}$$