

algebraic field $K \subset \bar{K}$

Weil $\tilde{G}_K \bar{K} \rightarrow G_K \bar{K}$ Galois

infinite $\mathbb{C}^G \rightarrow \tilde{G}_{\infty K} \mathbb{C} \rightarrow G_{\infty K} \mathbb{C}$

$$G_{\mathbb{R}} \mathbb{C} = 2$$