

$$\mathbb{C}[\mathbb{C}] \triangleleft_{\mathbb{N}} \cong \sum_{n \in \mathbb{N}} a_n \alpha^n$$

$$\begin{bmatrix} z^n \\ \zeta z^n \end{bmatrix}$$

$$z^n a_n + \zeta z^n \alpha^n \in \mathbb{C} \triangleleft_{\omega} \mathbb{C}$$