

$$\mathcal{S}(\mathbf{x}, \mathbf{k}; \mathbb{Z}) : (x_k)_{k \in \mathbb{Z}}$$

$$\mathcal{S}(\mathbf{u}; \mathbb{N}) : (u_n)_{n \in \mathbb{N}}$$

$$\mathcal{S}(\mathbf{x}) : (x_n)$$

$$\mathcal{S}(\mathbf{\cdot}) : (u_n)$$