

$$q = r - t \quad r = t + q.$$

$$\begin{pmatrix} r \\ t \end{pmatrix} \mapsto \begin{pmatrix} q \\ t \end{pmatrix}$$

$$t = 1 \mapsto T.$$

$$q = \boxed{1-t \mapsto T-t}$$

as



$$\begin{bmatrix} \begin{bmatrix} \phantom{0} \\ \phantom{0} \end{bmatrix} \\ \begin{bmatrix} \phantom{0} \\ \phantom{0} \end{bmatrix} \end{bmatrix} \quad \begin{bmatrix} \phantom{0} \\ \phantom{0} \end{bmatrix} \quad \begin{bmatrix} \phantom{0} \\ \phantom{0} \end{bmatrix}$$

$\mathbb{R} \times T$

$$q = T-1, \quad a=1.$$

$$q = T-2$$

$$q=1$$

$$q = \text{---} 0$$

$$a=1, 2.$$

$$a=1, \text{---} T-1$$

$$a=1, \text{---} T$$

$$T-q.$$

$$q = -1$$

$$a=2, \text{---} \boxed{1-q} \text{---} T$$

$$q = 1-T$$

$$a=T$$

$$a = \min(\max(1, 1-q), \min(T, T-q)).$$

$$\sum_{q=1-T}^{T-1} \left( \underbrace{\sum_{a=\max(1, 1-q)}^{\min(T, T-q)} \mathbb{E}[f(t+a) f(t)]}_{= \text{conv}(f)(q)} \right) \cos(2\pi s_{\max} q) : (\text{conv}(f)) * \begin{pmatrix} \cos(2\pi s_{\max} q) \\ \updownarrow \\ q=1-T \rightarrow T \end{pmatrix}$$