$$C_n = \frac{x{:}y{:}z \in \mathbb{F}_{q^n}^3}{x{:}y{:}z p = 0}$$

$$\log {}^T\zeta_C = \sum_{n \geqslant 1} \frac{T^n}{n} \overline{C_n} = {}^T\widetilde{\overline{C_.}|_{\mathbb{N}}\zeta}$$

$${}^T\zeta_n = \frac{T^n}{n}$$