

**Definition 2.4.** *A blockchain protocol  $(\Pi, \text{extract})$  satisfies  $T_0(\cdot)$ -consistency in  $\Gamma$  environments, if for all  $\Gamma$ -admissible  $(n(\cdot), \rho, \Delta(\cdot), A, Z)$ , there exists some negligible function  $\epsilon$  such that for every  $\kappa \in \mathbb{N}$  and every  $T \geq T_0(\kappa)$  the following holds:*

$$\Pr \left[ \text{view} \leftarrow \text{EXEC}^{(\Pi, \text{extract})}(A, Z, \kappa) : \text{consistent}^T(\text{view}) = 1 \right] \geq 1 - \epsilon(\kappa)$$