Definition 2.2. *A blockchain protocol* $(\Pi, \mathsf{extract})$ *has* chain growth rate $T_0(\cdot), g_0(\cdot,\cdot,\cdot,\cdot), g_1(\cdot,\cdot,\cdot,\cdot)$ in Γ-environments *if for all* Γ*-admissible* $(n(\cdot), \rho, \Delta(\cdot), A, Z)$*, there exists some negligible function* ϵ *such that for every* $\kappa \in \mathbb{N}$*,* $T \geq T_0(\kappa)$*,* $t_0 \geq \frac{T}{g_0(\kappa, n(\kappa), \rho, \Delta(\kappa))}$ *and* $t_1 = \frac{T}{g_1(\kappa, n(\kappa), \rho, \Delta(\kappa))}$ *the following holds:*

$$\Pr\left[\mathsf{view} \leftarrow \mathsf{EXEC}^{(\Pi, \mathsf{extract})}(A, Z, \kappa) : \mathsf{growth}^{t_0, t_1}(\mathsf{view}, \Delta(\kappa), \kappa) = 1\right] \geq 1 - \epsilon(\kappa)$$