Judge J	**Inverter** I	**virtual** A
sample uniform $\theta \in \mathbb{Z}_n$ $y := g^\theta$		
	▶ $J.y$	
	▶ m°	select m°
	$b := J.y$ sample $\sigma^\circ \in \mathbb{Z}_n$ $a := g^m \cdot b^{\sigma^\circ}$ $pk := a \| b$	
		▶ pk, σ° forge (m, σ)
	▶ (m, σ) $\theta := \frac{m^\circ - m}{\sigma - \sigma^\circ}$	
▶ $I.\theta$ **return** $y \stackrel{?}{=} g^{I.\theta}$		