$\mathbf{Judge}\ J$	Inverter	I
sample uniform $\theta \in \mathbb{Z}_{n_k}$		
$y := g_k^{\theta} \in G_k$	<b>▶</b> 1 21	
<b>▶</b> <i>I</i> .θ		)
$\mathbf{return} \ y \stackrel{?}{=} g_k^{I.\theta}$		