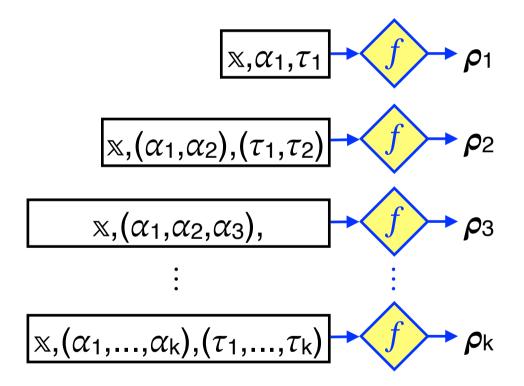


$\mathcal{V}(x,\pi)$

- parse π as $((\alpha_1,...,\alpha_k),(\tau_1,...,\tau_k))$
- derive IP randomness



check IP decision

$$\mathbf{V}_{\mathsf{IP}}(\mathbf{x},(\alpha_1,\ldots,\alpha_k),(\rho_1,\ldots,\rho_k))$$