$$h_{\text{loop(dp)}}: F_1 \to \mathcal{A}R,$$

$$f_1 \mapsto \begin{cases} \text{using} & r, f_2 \in R, \\ \text{Min}_{\leq_R} & r, \\ \text{s.t.} & r \in h_{\text{dp}}(f_1, f_2), \\ & r \leq_R f_2. \end{cases}$$

(0.2)

(0.1)