Definition (Series operator ◎). For two maps $h_1 : F_1 \to \mathcal{A}R_1$ and $h_2 : F_2 \to \mathcal{A}R_2$, if $R_1 = F_2$, define

$$h_1 \circledcirc h_2 : F_1 \to \mathcal{A}R_2,$$

$$h_1 \mapsto \operatorname*{Min}_{\leq_{R_2}} \bigcup_{r_1 \in h_1(f)} h_2(r_1).$$