

R-sub-lemma1^{11,40}

$$\begin{aligned} & \forall C:\text{es_realizer}\{i:l\}. \\ & \text{R-sub}\{i:l\} \\ & \quad (C; C) \\ & \wedge (\forall A:\text{es_realizer}\{i:l\}. \\ & \quad \text{R-sub}\{i:l\} \\ & \quad \quad (C; A) \\ & \Rightarrow (\forall B:\text{es_realizer}\{i:l\}. \text{R-sub}\{i:l\}(C; \text{Rplus}(A; B)) \wedge \text{R-sub}\{i:l\}(C; \text{Rplus}(B; A)))) \end{aligned}$$