Q-R-glues-conditional2[11,40]

$\forall es$:ES, Q_1, Q_2, R:(E→E→ $\mathbb{P}$), A, B:Type, Ia_1, Ia_2:AbsInterface(A), Ib_1,
Ib_2:AbsInterface(B), f:(E([Ia_1?Ia_2])→B), g_1:(E(Ib_1)→E), g_2:(E(Ib_2)→E).
$Ia_1 \cap Ia_2 = 0$
⇒ $Ib_1 \cap Ib_2 = 0$
⇒ g_1 glues Ia_1:Q_1 $--f\rightarrow$ Ib_1:R
⇒ g_2 glues Ia_2:Q_2 $--f\rightarrow$ Ib_2:R
⇒ [{Ib_1}? g_1 : g_2] glues [Ia_1?Ia_2]:Q_1|{Ia_1} ∨ Q_2|{Ia_2} $--f\rightarrow$ [Ib_1?Ib_2]:R

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http://www.nuprl.org/FDLcontent/p0_963683_/p29_670592_{Q-R-glues-conditional2}.html