```
C = (X,X)X.XY.XE \Leftrightarrow ((X,X)) \Rightarrow \exists Y.YX.R(X,Y)
\neg ((\forall x. \exists y. R(x, y))) \Rightarrow \exists y. \forall x. R(x, y))
     = \neg(\neg(AX.XX.X(X,Y)) \lor \exists X.AX.X(X,Y))
      (V,X)\mathcal{I}.XY\mathcal{I}E_{\Gamma}\Lambda ((Y,X)\mathcal{I}.XE.XY) =
     (5,W) Ar. WE. 5 V ((x,x) XE, XF) =
     ((x, w)R \wedge (x, x)) \wedge R(w, z)
     = \forall x. \forall z. (R(x, f(x)) \land \neg R(g(x), z))
     = \{\{R(X,F(x))\},\{7R(g(x),z)\}\} = C
 1 y z : may \{ R(x_1, F(x_1)) = R(a(x_2), z) \}
                  = mgu \{x_1 = q(x_2), F(x_1) = z\} decompose
                  = May \{ F(g(x_2)) = Z \}
                                                         elim { X1 := 9(x2)}
                                                         swap, elim{z:=f(g(xz))}
                  = MgU { }
              S = \{ x_1 := q(x_2), z := F(q(x_2)) \}
             3 = 5({3}) = {}
C + 1 ⇒ 70 + 1 ⇒ + 0
: O válida
```