

$$R_{12} [\{s0_, i0_, j0_ \}, \{s1_, i1_, j1_ \}] =$$

$$s1 \left(T_1^{s0} - 1 \right) \left(T_2^{s1} - 1 \right)^{-1} \left(T_3^{s1} - 1 \right) g_{1, j1, i0} g_{3, j0, i1}$$

$$\left(\left(T_2^{s0} g_{2, i1, i0} - g_{2, i1, j0} \right) - \left(T_2^{s0} g_{2, j1, i0} - g_{2, j1, j0} \right) \right);$$