

trans^{12,41}

basic

$$\text{Trans}(T; x, y. E(x; y)) \equiv_{\text{def}} \forall a, b, c: T. E(a; b) \Rightarrow E(b; c) \Rightarrow E(a; c)$$

clarification:

basic

$$\text{Trans}(T; x, y. E(x; y)) \equiv_{\text{def}} \forall a: T. \forall b: T, c: T. E(a; b) \Rightarrow E(b; c) \Rightarrow E(a; c)$$