

cancel^{13,42}

basic

$$\text{Cancel}(T;S;op) \equiv_{\text{def}} \forall u, v:T, w:S. ((w \text{ op } u) = (w \text{ op } v)) \Rightarrow (u = v)$$

clarification:

basic

$$\text{Cancel}(T;S;op) \equiv_{\text{def}} \forall u:T, v:T, w:S. ((w \text{ op } u) = (w \text{ op } v) \in T) \Rightarrow (u = v \in T)$$