ta, to

 $\overline{t}_a = (t_a \setminus \{a\}) \cup \{b\}$, $\overline{t}_b = (t_b \setminus \{b\}) \cup \{a\}$

Claim: ta = Tb (tb = Ta

Proof: ta = tb (ta = (tb \ 863) U {a}

(ta\{a}) U {b} = tb

⇒ Ea = tb □