

**fun\_thru\_ite**<sup>9,38</sup>

$\forall S, T: \text{Type}, f: (S \rightarrow T), b: \mathbb{B}, p, q: S. f(\text{if } b \text{ then } p \text{ else } q \text{ fi}) = \text{if } b \text{ then } f(p) \text{ else } f(q) \text{ fi}$

ProofTree