

**iffift\_1**<sup>4,23</sup>

$\forall A, B:\text{Type}, c:\mathbb{B}, f:(A \rightarrow B), x, y:A. f(\text{if } c \rightarrow x \text{ else } y \text{ fi}) = \text{if } c \rightarrow f(x) \text{ else } f(y) \text{ fi}$