

**eq\_int\_cases\_test**<sup>13,42</sup>

$\forall A:\text{Type}, x, y:A, P:(A \rightarrow \mathbb{P}), i, j:\mathbb{Z}.$   
 $(P(\text{if } (i =_0 j) \text{ then } x \text{ else } y \text{ fi })) \Rightarrow (P(\text{if } (i =_0 j) \text{ then } x \text{ else } y \text{ fi }))$