

and_preserved_by^{4,23}

$\forall T:\text{Type}, P, Q:(T \rightarrow \text{Prop}), R:(T \rightarrow T \rightarrow \text{Prop}).$

$R \text{ preserves } P \Rightarrow R \text{ preserves } Q \Rightarrow R \text{ preserves } P \wedge Q$