

existse-between3_functionality_wrt_iff^{11,40}

$\forall es:\mathbb{E}\mathbb{S}, e_1:\mathbb{E}, e_2:\{e:\mathbb{E} \mid \text{loc}(e) = \text{loc}(e_1) \in \text{Id}\}, P, Q:(\{e:\mathbb{E} \mid \text{loc}(e) = \text{loc}(e_1) \in \text{Id}\} \rightarrow \mathbb{P}).$
 $(\forall e:\{e:\mathbb{E} \mid \text{loc}(e) = \text{loc}(e_1) \in \text{Id}\} . P(e) \iff Q(e)) \Rightarrow (\exists e \in (e_1, e_2]. P(e) \iff \exists e \in (e_1, e_2]. Q(e))$