

existse-between1^{0,22}

$\exists e \in [e_1, e_2]. P(e) \equiv_{\text{def}} \exists e: \mathbb{E}. e_1 \leq e \ \& \ (e <_{\text{loc}} e_2) \ \& \ P(e)$

clarification:

$\text{existse-between1}(es; e_1; e_2; e. P(e))$
 $\equiv_{\text{def}} \exists e: \text{es-}\mathbb{E}(es). \text{es-le}(es; e_1; e) \ \& \ \text{es-locl}(es; e; e_2) \ \& \ P(e)$