

es-knows-stable^{11,40}

$\forall poss: (ES\{i\} \rightarrow \mathbb{P}\{i'\}), R: (\text{possible-event}\{i:l\}(poss) \rightarrow \text{possible-event}\{i:l\}(poss) \rightarrow \mathbb{P}\{i'\}).$
 $\text{Trans}(\text{possible-event}\{i:l\}$
 $\quad (poss); 1, 2. R(1, 2))$
 $\Rightarrow (\forall e_1, e_2: \text{possible-event}\{i:l\}(poss). \text{poss-le}\{i:l\}(e_1; e_2) \Rightarrow (R(e_1, e_2)))$
 $\Rightarrow (\forall P: (\text{possible-event}\{i:l\}(poss) \rightarrow \mathbb{P}\{i'\}), e_1, e_2: \text{possible-event}\{i:l\}(poss).$
 $\quad \text{poss-le}\{i:l\}(e_1; e_2) \Rightarrow \text{es-knows}\{i:l\}(poss; R; P; e_1) \Rightarrow \text{es-knows}\{i:l\}(poss; R; P; e_2))$