es-knows-knows^{0,22}

$\forall poss$:(ES{i}$\rightarrow$Prop$_{i'}$), R:(possible-event{i:l}($poss$)$\rightarrow$possible-event{i:l}($poss$)$\rightarrow$Prop$_{i'}$).
(Trans a,b:possible-event{i:l}($poss$). $R(a,b)$)
$\Rightarrow$ ($\forall P$:(possible-event{i:l}($poss$)$\rightarrow$Prop$_{i'}$), e:possible-event{i:l}($poss$).
es-knows{i:l}
($poss$; R; P; e)
$\Rightarrow$ es-knows{i:l}
($poss$; R; (λe.es-knows{i:l}($poss$; R; P; e)); e))

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http://www.cs.cornell.edu/Info/Projects/NuPrl/FDLcontent/p0_286125_/p35_431592_{es-knows-knows}.html