

generated-thread-properties3^{11,40}

$\forall es:ES, P:(E \rightarrow \mathbb{P}), R:(E \rightarrow E \rightarrow \mathbb{P}).$

single-thread-generator{i:l}(es;P;R)

$\Rightarrow (\forall e, e':E. (R(e,e') \Rightarrow (P(e) \& P(e'))))$

$\Rightarrow (\forall e, a:E. P(e) \Rightarrow P(a) \Rightarrow (e < a) \Rightarrow (\exists m:E. (P(m) \& R(e,m) \& (R^*)(m,a))))$