causl-trans-test2[11,40]

$\forall es$:ES, a, e:E.
$(\uparrow \text{isrcv}(a))$
$\Rightarrow (\uparrow \text{isrcv}(e))$
$\Rightarrow (\neg(\uparrow \text{first}(\text{sender}(e))))$
$\Rightarrow a \leq \text{loc pred}(\text{sender}(e))$
$\Rightarrow (\text{sender}(a) < e)$

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http://www.nuprl.org/FDLcontent/p0_963683_/p74_202412_{causl-trans-test2}.html