

rprime^{13,42}

$r\text{-Prime}(u) \equiv_{\text{def}} (\neg u \mid 1 \text{ in } r) \ \& \ (\forall v, w:|r|. \ u \mid v * w \text{ in } r \Rightarrow (u \mid v \text{ in } r \vee u \mid w \text{ in } r))$

clarification:

$r\text{-Prime}(u)$
 $\equiv_{\text{def}} (\neg u \mid 1r \text{ in } r) \ \& \ (\forall v:|r|, w:|r|. \ u \mid v (*r) w \text{ in } r \Rightarrow (u \mid v \text{ in } r \vee u \mid w \text{ in } r))$