

rng_chom_p^{13,42}

compound

$\text{rng_chom_p}(r;s;f)$

$\equiv_{\text{def}} \text{rng_hom_p}(r;s;f) \ \& \ (\forall a, b:|r|. ((f(a)) * (f(b))) = ((f(b)) * (f(a))))$

clarification:

compound

$\text{rng_chom_p}(r;s;f)$

$\equiv_{\text{def}} \text{rng_hom_p}(r;s;f) \ \& \ (\forall a:|r|, b:|r|. ((f(a)) (*s) (f(b))) = ((f(b)) (*s) (f(a))) \in |s|)$