

eqv_mod_subset_is_eqv^{13,42}

$\forall g:\text{IGroup}, s:(|g| \rightarrow \mathbb{P}).$

$(s(e))$

$\Rightarrow (\forall a:|g|. (s(a)) \Rightarrow (s(\sim(a))))$

$\Rightarrow (\forall a, b:|g|. (s(a)) \Rightarrow (s(b)) \Rightarrow (s(a * b)))$

$\Rightarrow \text{EquivRel}(|g|; x, y. x \equiv y \text{ (mod } s \text{ in } g))$