$\mathbf{grp_inv_diff}^{13,42}$

 $\forall g : \text{IGroup}, \, a, \, b : |g|. \ \sim (a \, \ast \, (\sim (b))) = (b \, \ast \, (\sim (a))) \in \, |g|$

http://www.nuprl.org/FDLcontent/p0_400045_/p78_51015_{grp_inv_diff}.html