

monoid_hom_p^{13,42}

compound

$\text{IsMonHom}\{M_1, M_2\}(f) \equiv_{\text{def}} \text{FunThru2op}(|M_1|; |M_2|; *, *, f) \ \& \ f(e) = e$

clarification:

compound

$\text{IsMonHom}\{M_1, M_2\}(f) \equiv_{\text{def}} \text{FunThru2op}(|M_1|; |M_2|; *M_1; *M_2; f) \ \& \ f(eM_1) = (eM_2) \in |M_2|$