

action_p^{13,42}

basic

$\text{IsAction}(A;x;e;S;f)$

$\equiv_{\text{def}} (\forall a, b:A, u:S. ((a \ x \ b) \ f \ u) = (a \ f \ (b \ f \ u))) \ \& \ (\forall u:S. (e \ f \ u) = u)$

clarification:

basic

$\text{IsAction}(A;x;e;S;f)$

$\equiv_{\text{def}} (\forall a:A, b:A, u:S. ((a \ x \ b) \ f \ u) = (a \ f \ (b \ f \ u)) \in S) \ \& \ (\forall u:S. (e \ f \ u) = u \in S)$