

ma-pre^{11,40}

$$M.\text{pre}(a,s) \equiv_{\text{def}} P \text{ !} = (M.2.2.2).1(a) \Rightarrow \uparrow(P(s))$$

clarification:

$$M.\text{pre}(a,s) \equiv_{\text{def}} \text{fpf-val}(\text{IdDeq}; ((M.2.2.2).1); a; a, P.(\uparrow(P(s))))$$