

ma-sub^{0,22}

clarification:

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ma-sub{i:l}
  ( $M_1$ ;  $M_2$ )
 $\equiv_{\text{def}}$  fpf-sub(Id;  $x$ .Typei; IdDeq; 1of( $M_1$ ); 1of( $M_2$ ))
  & fpf-sub(Knd;  $x$ .Typei; KindDeq; 1of(2of( $M_1$ ))); 1of(2of( $M_2$ )))
  & fpf-sub(Id;
    x.fpf-cap(1of( $M_2$ );IdDeq;x;Void);
    IdDeq;
    1of(2of(2of( $M_1$ )));
    1of(2of(2of( $M_2$ ))))
  & fpf-sub(Id;
    a.(State(1of( $M_2$ ))→fpf-cap(1of(2of( $M_2$ ));KindDeq;locl(a);Top)→Propi);
    IdDeq;
    1of(2of(2of(2of( $M_1$ )))));
    1of(2of(2of(2of( $M_2$ )))))
  & fpf-sub((Knd×Id);
    kx.(State(1of( $M_2$ ))→Valtype(1of(2of( $M_2$ ));1of(kx))→
      fpf-cap(1of( $M_2$ );IdDeq;2of(kx);Void));
    product-deq(Knd;Id;KindDeq;IdDeq);
    1of(2of(2of(2of(2of( $M_1$ ))))));
    1of(2of(2of(2of(2of( $M_2$ ))))))
  & fpf-sub((Knd×IdLnk);
    kl.((tg;Id
      ×(State(1of( $M_2$ ))→Valtype(1of(2of( $M_2$ ));1of(kl))→
        (fpf-cap(1of(2of( $M_2$ )));KindDeq;rcv(2of(kl),tg);Void) List))) List));

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product-deq(Knd;IdLnk;KindDeq;IdLnkDeq);
1of(2of(2of(2of(2of(2of(M121212121212

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