ma-sub[11,40]

$M_1 \subseteq M_2$
$\equiv_{\mathrm{def}}$ $(M_1.1 \subseteq M_2.1$ & $(M_1.2).1 \subseteq (M_2.2).1)$
c∧ $((M_1.2.2).1 \subseteq (M_2.2.2).1$
& $(M_1.2.2.2).1 \subseteq (M_2.2.2.2).1$
& $(M_1.2.2.2.2).1 \subseteq (M_2.2.2.2.2).1$
& $(M_1.2.2.2.2.2).1 \subseteq (M_2.2.2.2.2.2).1$
& $(M_1.2.2.2.2.2.2).1 \subseteq (M_2.2.2.2.2.2.2).1$
& $(M_1.2.2.2.2.2.2.2).1 \subseteq (M_2.2.2.2.2.2.2.2).1$
& $(M_1.2.2.2.2.2.2.2.2).1 \subseteq (M_2.2.2.2.2.2.2.2.2).1$
& $(M_1.2.2.2.2.2.2.2.2.2).1 \subseteq (M_2.2.2.2.2.2.2.2.2.2).1$
& $(M_1.2.2.2.2.2.2.2.2.2.2).1 \subseteq (M_2.2.2.2.2.2.2.2.2.2.2).1$
& $(M_1.2.2.2.2.2.2.2.2.2.2.2).1 \subseteq (M_2.2.2.2.2.2.2.2.2.2.2.2).1)$

clarification:

ma-sub{i:l}
$(M_1;\ M_2)$
$\equiv_{\mathrm{def}}$ (fpf-sub(Id; x.Type{i}; IdDeq; $(M_1.1)$; $(M_2.1)$)
& fpf-sub(Knd; x.Type{i}; KindDeq; $((M_1.2).1)$; $((M_2.2).1)$))
c∧ (fpf-sub(Id; x.($\mathbb{Q}$ →fpf-cap($M_2.1$;IdDeq;x;Void)); IdDeq; $((M_1.2.2).1)$; $((M_2.2.2).1)$)
& fpf-sub(Id; a.(State($M_2.1$)→ $\mathbb{B}$); IdDeq; $((M_1.2.2.2).1)$; $((M_2.2.2.2).1)$)
& fpf-sub((:Knd × Id);
kx.(State($M_2.1$)→Valtype($(M_2.2).1$;$kx.1$)→ $\mathbb{Q}$ →
fpf-cap($M_2.1$;IdDeq;$kx.2$;Void));
product-deq(Knd;Id;KindDeq;IdDeq);
$((M_1.2.2.2.2).1)$;
$((M_2.2.2.2.2).1)$)
& fpf-sub((:Knd × IdLnk);
kl.((tg:Id
× (State($M_2.1$)→Valtype($(M_2.2).1$;$kl.1$)→
(fpf-cap($(M_2.2).1$;KindDeq;rcv($kl.2$,tg);Void) List))) List);
product-deq(Knd;IdLnk;KindDeq;IdLnkDeq);
$((M_1.2.2.2.2.2).1)$;
$((M_2.2.2.2.2.2).1)$)
& fpf-sub(Id; x.(Knd List); IdDeq; $((M_1.2.2.2.2.2.2).1)$; $((M_2.2.2.2.2.2.2).1)$)
& fpf-sub((:IdLnk × Id);
ltg.(Knd List);
product-deq(IdLnk;Id;IdLnkDeq;IdDeq);
$((M_1.2.2.2.2.2.2.2).1)$;
$((M_2.2.2.2.2.2.2.2).1)$)
& fpf-sub(Knd;
k.(Id List);

KindDeq;
$((M_1.2.2.2.2.2.2.2.2.2).1)$;
$((M_2.2.2.2.2.2.2.2.2.2).1))$

& fpf-sub(Knd;
k.(IdLnk List);
KindDeq;
$((M_1.2.2.2.2.2.2.2.2.2.2).1)$;
$((M_2.2.2.2.2.2.2.2.2.2.2).1))$

& fpf-sub(Id;
x.(Knd List);
IdDeq;
$((M_1.2.2.2.2.2.2.2.2.2.2.2).1)$;
$((M_2.2.2.2.2.2.2.2.2.2.2.2).1))$

& fpf-sub(Id;
x.FinProbSpace;
IdDeq;
$((M_1.2.2.2.2.2.2.2.2.2.2.2.2.2).1)$;
$((M_2.2.2.2.2.2.2.2.2.2.2.2.2.2).1)))$

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http://www.nuprl.org/FDLcontent/p0_963683_/p42_141094_{ma-sub}.html