t92_mcart_1 (TMQGEYPTspakKh7C1gW8yUjQ8LajvsSEivh)

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Let $k9\_xtuple\_0 : \iota \Rightarrow \iota$ be given. Let $k1\_tarski : \iota \Rightarrow \iota$ be given. Let $k3\_xtuple\_0 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k2\_tarski : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.\forall X1.\forall X2.\forall X3.\forall X4.\forall X5. \\ k9\_xtuple\_0\ (k9\_xtuple\_0\ (k2\_tarski\ (k3\_xtuple\_0\ X0\ X1\ X2)\ (k3\_xtuple\_0 \\ X3\ X4\ X5))) = k2\_tarski\ X0\ X3 \tag{1}$$

Assume the following.

$$\forall X0.k2\_tarski\ X0\ X0 = k1\_tarski\ X0 \tag{2}$$

Theorem 1

$$\forall X0.\forall X1.\forall X2.k9\_xtuple\_0\ (k9\_xtuple\_0\ (k1\_tarski \\ (k3\_xtuple\_0\ X0\ X1\ X2))) = k1\_tarski\ X0$$