t32_ordinal1 (TMcC3Cnj9zjWUMrevJ5DjbCagHhewHDMTpM)

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Let $r1\_tarski : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $v1\_relat\_1 : \iota \Rightarrow o$ be given. Let $v5\_relat\_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $v1\_funct\_1 : \iota \Rightarrow o$ be given. Let $v5\_ordinal1 : \iota \Rightarrow o$ be given. Assume the following.

$$\forall X0.\forall X1.(r1\_tarski\ X0\ X1) \Rightarrow (\forall X2.((v1\_relat\_1\ X2) \wedge (v5\_relat\_1\ X2\ X0)) \Rightarrow (v5\_relat\_1\ X2\ X1)) \tag{1}$$

Theorem 1

$$\forall X0.\forall X1.(r1\_tarski\ X0\ X1) \Rightarrow (\forall X2.((v1\_relat\_1\ X2) \wedge ((v5\_relat\_1\ X2\ X0) \wedge ((v1\_funct\_1\ X2) \wedge (v5\_ordinal1\ X2)))) \Rightarrow ((v1\_relat\_1\ X2) \wedge ((v5\_relat\_1\ X2\ X1) \wedge ((v1\_funct\_1\ X2) \wedge (v5\_ordinal1\ X2)))))$$