

t42_afinsq_1
(TMP63tuo3JqvedTJ1DeFK98qxi6QhNBMbnr)

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Let $k8_afinsq_1 : \iota \Rightarrow \iota$ be given. Let $v1_relat_1 : \iota \Rightarrow o$ be given. Let $v5_relat_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $v5_ordinal1 : \iota \Rightarrow o$ be given. Let $v1_funct_1 : \iota \Rightarrow o$ be given. Let $v1_finset_1 : \iota \Rightarrow o$ be given. Assume the following.

$$\begin{aligned} \forall X0. \forall X1. (X1 = k8_afinsq_1 X0) \Leftrightarrow (\forall X2. (X2 \in X1) \Leftrightarrow \\ ((v1_relat_1 X2) \wedge ((v5_relat_1 X2 X0) \wedge ((v5_ordinal1 X2) \wedge ((v1_funct_1 \\ X2) \wedge (v1_finset_1 X2)))))) \end{aligned} \tag{1}$$

Theorem 1

$$\begin{aligned} \forall X0. \forall X1. (X0 \in k8_afinsq_1 X1) \Leftrightarrow ((v1_relat_1 X0) \wedge \\ ((v5_relat_1 X0 X1) \wedge ((v5_ordinal1 X0) \wedge ((v1_funct_1 X0) \wedge (v1_finset_1 \\ X0)))))) \end{aligned}$$