

t21\_idea\_1 (TMZMQPySNQuFS-  
nfr4zwJCr7fEmfD5Ect2wY)

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Let  $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k5\_numbers : \iota$  be given. Let  $k9\_idea\_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k4\_ordinal1 : \iota$  be given. Let  $v7\_ordinal1 : \iota \Rightarrow o$  be given. Let  $k7\_idea\_1 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k8\_idea\_1 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k4\_nat\_d : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k4\_nat\_1 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k2\_nat\_1 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k5\_series\_1 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $np\_2 : \iota$  be given. Let  $np\_1 : \iota$  be given. Assume the following.

$$k5\_numbers = k4\_ordinal1 \tag{1}$$

Assume the following.

$$\forall X0. \forall X1. ((v7\_ordinal1 X0) \wedge (v7\_ordinal1 X1)) \Rightarrow (m1\_subset\_1 (k7\_idea\_1 X0 X1) k5\_numbers) \tag{2}$$

Assume the following.

$$\begin{aligned} \forall X0. (m1\_subset\_1 X0 k5\_numbers) \Rightarrow (\forall X1. (v7\_ordinal1 \\ X1) \Rightarrow (\forall X2. (v7\_ordinal1 X2) \Rightarrow (k9\_idea\_1 X0 X1 X2 = k8\_idea\_1 \\ X0 (k4\_nat\_d (k4\_nat\_1 (k7\_idea\_1 X0 X1) (k7\_idea\_1 X0 X2)) (k2\_nat\_1 \\ (k5\_series\_1 np\_2 X0) np\_1)))))) \end{aligned} \tag{3}$$

Assume the following.

$$\forall X0. \forall X1. ((m1\_subset\_1 X0 k5\_numbers) \wedge (v7\_ordinal1 X1)) \Rightarrow (k4\_nat\_1 X0 X1 = k4\_nat\_1 X1 X0) \tag{4}$$

Assume the following.

$$\forall X0. (m1\_subset\_1 X0 k4\_ordinal1) \Rightarrow (v7\_ordinal1 X0) \tag{5}$$

**Theorem 1**

$$\begin{aligned} \forall X0. (m1\_subset\_1 X0 k5\_numbers) \Rightarrow (\forall X1. (m1\_subset\_1 \\ X1 k5\_numbers) \Rightarrow (\forall X2. (m1\_subset\_1 X2 k5\_numbers) \Rightarrow (k9\_idea\_1 \\ X2 X0 X1 = k9\_idea\_1 X2 X1 X0))) \end{aligned}$$