t30_cfcont_1 (TMJLMRxjtxWPfSC-nPg4c7ePwVFgkuuTbxdK)

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Let $v1\_funct\_1 : \iota \Rightarrow o$ be given. Let $v1\_funct\_2 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k5\_numbers : \iota$ be given. Let $k2\_numbers : \iota$ be given. Let $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1\_zfmisc\_1 : \iota \Rightarrow \iota$ be given. Let $k2\_zfmisc\_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $v3\_funct\_1 : \iota \Rightarrow o$ be given. Let $v2\_comseq\_2 : \iota \Rightarrow o$ be given. Let $k3\_comseq\_2 : \iota \Rightarrow \iota$ be given. Let $k2\_valued\_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k8\_complex1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k3\_funct\_2 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k6\_numbers : \iota$ be given. Let $k46\_valued\_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k11\_complex1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k19\_valued\_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k9\_complex1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $m2\_subset\_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k1\_numbers : \iota$ be given. Assume the following.

$$\forall X0.((v1\_funct\_1\ X0) \wedge ((v1\_funct\_2\ X0\ k5\_numbers\ k2\_numbers) \wedge ((v2\_comseq\_2\ X0) \wedge (m1\_subset\_1\ X0\ (k1\_zfmisc\_1\ (k2\_zfmisc\_1\ k5\_numbers\ k2\_numbers)))))) \Rightarrow (\forall X1.((v1\_funct\_1\ X1) \wedge ((v1\_funct\_2\ X1\ k5\_numbers\ k2\_numbers) \wedge ((v2\_comseq\_2\ X1) \wedge (m1\_subset\_1\ X1\ (k1\_zfmisc\_1\ (k2\_zfmisc\_1\ k5\_numbers\ k2\_numbers)))))) \Rightarrow (k3\_comseq\_2\ (k19\_valued\_1\ k5\_numbers\ k2\_numbers\ k2\_numbers\ X0\ X1) = k9\_complex1\ (k3\_comseq\_2\ X0)\ (k3\_comseq\_2\ X1))) \tag{1}$$

Assume the following.

$$\forall X0.((v1\_funct\_1\ X0) \wedge ((v1\_funct\_2\ X0\ k5\_numbers\ k2\_numbers) \wedge (m1\_subset\_1\ X0\ (k1\_zfmisc\_1\ (k2\_zfmisc\_1\ k5\_numbers\ k2\_numbers))))) \Rightarrow ((v3\_funct\_1\ X0) \Rightarrow (\forall X1.(m2\_subset\_1\ X1\ k1\_numbers\ k5\_numbers) \Rightarrow (k3\_comseq\_2\ X0 = k3\_funct\_2\ k5\_numbers\ k2\_numbers\ X0\ X1))) \tag{2}$$

Assume the following.

$$\forall X0.((v1\_funct\_1\ X0)\wedge((v1\_funct\_2\ X0\ k5\_numbers\ k2\_numbers)\wedge((v2\_comseq\_2\ X0)\wedge(m1\_subset\_1\ X0\ (k1\_zfmisc\_1\ (k2\_zfmisc\_1\ k5\_numbers\ k2\_numbers))))))\Rightarrow(\forall X1.((v1\_funct\_1\ X1)\wedge((v1\_funct\_2\ X1\ k5\_numbers\ k2\_numbers)\wedge((v2\_comseq\_2\ X1)\wedge(m1\_subset\_1\ X1\ (k1\_zfmisc\_1\ (k2\_zfmisc\_1\ k5\_numbers\ k2\_numbers))))))\Rightarrow(k3\_comseq\_2\ (k46\_valued\_1\ k5\_numbers\ k2\_numbers\ k2\_numbers\ X0\ X1) = k11\_complex1\ (k3\_comseq\_2\ X0)\ (k3\_comseq\_2\ X1))) \tag{3}$$

Assume the following.

$$\forall X0.((v1\_funct\_1\ X0)\wedge((v1\_funct\_2\ X0\ k5\_numbers\ k2\_numbers)\wedge(m1\_subset\_1\ X0\ (k1\_zfmisc\_1\ (k2\_zfmisc\_1\ k5\_numbers\ k2\_numbers)))))\Rightarrow((v3\_funct\_1\ X0)\Rightarrow(v2\_comseq\_2\ X0)) \tag{4}$$

Assume the following.

$$\forall X0.((v1\_funct\_1\ X0)\wedge((v1\_funct\_2\ X0\ k5\_numbers\ k2\_numbers)\wedge((v2\_comseq\_2\ X0)\wedge(m1\_subset\_1\ X0\ (k1\_zfmisc\_1\ (k2\_zfmisc\_1\ k5\_numbers\ k2\_numbers))))))\Rightarrow(\forall X1.((v1\_funct\_1\ X1)\wedge((v1\_funct\_2\ X1\ k5\_numbers\ k2\_numbers)\wedge((v2\_comseq\_2\ X1)\wedge(m1\_subset\_1\ X1\ (k1\_zfmisc\_1\ (k2\_zfmisc\_1\ k5\_numbers\ k2\_numbers))))))\Rightarrow(k3\_comseq\_2\ (k2\_valued\_1\ k5\_numbers\ k2\_numbers\ k2\_numbers\ X0\ X1) = k8\_complex1\ (k3\_comseq\_2\ X0)\ (k3\_comseq\_2\ X1))) \tag{5}$$

Assume the following.

$$m2\_subset\_1\ k6\_numbers\ k1\_numbers\ k5\_numbers \tag{6}$$

Theorem 1

$$\forall X0.((v1\_funct\_1\ X0)\wedge((v1\_funct\_2\ X0\ k5\_numbers\ k2\_numbers)\wedge(m1\_subset\_1\ X0\ (k1\_zfmisc\_1\ (k2\_zfmisc\_1\ k5\_numbers\ k2\_numbers)))))\Rightarrow(\forall X1.((v1\_funct\_1\ X1)\wedge((v1\_funct\_2\ X1\ k5\_numbers\ k2\_numbers)\wedge(m1\_subset\_1\ X1\ (k1\_zfmisc\_1\ (k2\_zfmisc\_1\ k5\_numbers\ k2\_numbers)))))\Rightarrow(((v3\_funct\_1\ X0)\wedge(v2\_comseq\_2\ X1))\Rightarrow((k3\_comseq\_2\ (k2\_valued\_1\ k5\_numbers\ k2\_numbers\ k2\_numbers\ X0\ X1) = k8\_complex1\ (k3\_funct\_2\ k5\_numbers\ k2\_numbers\ X0\ k6\_numbers)\ (k3\_comseq\_2\ X1))\wedge((k3\_comseq\_2\ (k46\_valued\_1\ k5\_numbers\ k2\_numbers\ k2\_numbers\ X0\ X1) = k11\_complex1\ (k3\_funct\_2\ k5\_numbers\ k2\_numbers\ X0\ k6\_numbers)\ (k3\_comseq\_2\ X1))\wedge((k3\_comseq\_2\ (k46\_valued\_1\ k5\_numbers\ k2\_numbers\ k2\_numbers\ X1\ X0) = k11\_complex1\ (k3\_comseq\_2\ X1)\ (k3\_funct\_2\ k5\_numbers\ k2\_numbers\ X0\ k6\_numbers))\wedge(k3\_comseq\_2\ (k19\_valued\_1\ k5\_numbers\ k2\_numbers\ k2\_numbers\ X0\ X1) = k9\_complex1\ (k3\_funct\_2\ k5\_numbers\ k2\_numbers\ X0\ k6\_numbers)\ (k3\_comseq\_2\ X1)))))))$$