

l47_arytm_2 (TMWwrTmZxnJMTM- Bxe5m6UV7Dg7Kmu1pf6dy)

October 27, 2020

Let $m1_subset_1 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k5_arytm_3 : \iota$ be given. Let $k1_zfmisc_1 : \iota \Rightarrow \iota$ be given. Let $r3_arytm_3 : \iota \Rightarrow \iota \Rightarrow o$ be given.

Theorem 1

$$\begin{aligned} & \forall X0.(m1_subset_1 X0 k5_arytm_3) \Rightarrow (\forall X1.(m1_subset_1 \\ & \quad X1 k5_arytm_3) \Rightarrow (\forall X2.((X2 \in ReplSep (toset (\lambda X3 : \iota. \\ & \quad m1_subset_1 X3 (k1_zfmisc_1 k5_arytm_3)))) (\lambda X3 : \iota. \forall X4. \\ & \quad (m1_subset_1 X4 k5_arytm_3) \Rightarrow ((X4 \in X3) \Rightarrow ((\forall X5.(m1_subset_1 \\ & \quad X5 k5_arytm_3) \Rightarrow ((r3_arytm_3 X5 X4) \Rightarrow (X5 \in X3))) \wedge (\exists X5.(m1_subset_1 \\ & \quad X5 k5_arytm_3) \wedge ((X5 \in X3) \wedge (\neg r3_arytm_3 X5 X4)))))) (\lambda X3 : \iota. \\ & \quad X3)) \wedge ((X0 \in X2) \wedge (r3_arytm_3 X1 X0)) \Rightarrow (X1 \in X2))) \end{aligned}$$