

t82_newton (TMJDCUVc-
qFtttpLWF2nArXDcLPPXR3pMHToR)

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Let $v7_ordinal1 : \iota \Rightarrow o$ be given. Let $k5_int_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k3_nat_d : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k6_int_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k4_nat_d : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0. \forall X1. ((v7_ordinal1 X0) \wedge (v7_ordinal1 X1)) \Rightarrow (k4_nat_d X0 X1 = k6_int_1 X0 X1) \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. ((v7_ordinal1 X0) \wedge (v7_ordinal1 X1)) \Rightarrow (k3_nat_d X0 X1 = k5_int_1 X0 X1) \quad (2)$$

Theorem 1

$$\forall X0. (v7_ordinal1 X0) \Rightarrow (\forall X1. (v7_ordinal1 X1) \Rightarrow ((k5_int_1 X0 X1 = k3_nat_d X0 X1) \wedge (k6_int_1 X0 X1 = k4_nat_d X0 X1)))$$