

t41\_power  
(TMYXXEySqsdFz38SBT5a85tYgUrT4Zew3qz)

October 27, 2020

Let  $v1\_xreal\_0 : \iota \Rightarrow o$  be given. Let  $v7\_ordinal1 : \iota \Rightarrow o$  be given. Let  $k3\_power : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k1\_newton : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Assume the following.

$$\forall X0. \forall X1. ((v1\_xreal\_0 X0) \wedge (v7\_ordinal1 X1)) \Rightarrow (k3\_power X0 X1 = k1\_newton X0 X1) \quad (1)$$

**Theorem 1**

$$\forall X0. (v1\_xreal\_0 X0) \Rightarrow (\forall X1. (v7\_ordinal1 X1) \Rightarrow (k3\_power X0 X1 = k1\_newton X0 X1))$$