

t19\_classes1 (TMWPhZX-  
AjM6ZReoZ8E3agHbEaYeckFxD9g)

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Let  $v3\_ordinal1 : \iota \Rightarrow o$  be given. Let  $k3\_classes1 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k1\_classes1 : \iota \Rightarrow \iota$  be given. Let  $k1\_ordinal1 : \iota \Rightarrow \iota$  be given. Assume the following.

$$\forall X0. \forall X1. (v3\_ordinal1 X1) \Rightarrow ((k3\_classes1 X0 X1 = k3\_classes1 X0 (k1\_ordinal1 X1)) \Rightarrow (k3\_classes1 X0 X1 = k1\_classes1 X0)) \quad (1)$$

Assume the following.

$$\forall X0. \exists X1. (v3\_ordinal1 X1) \wedge (k3\_classes1 X0 X1 = k3\_classes1 X0 (k1\_ordinal1 X1)) \quad (2)$$

**Theorem 1**

$$\forall X0. \exists X1. (v3\_ordinal1 X1) \wedge (k3\_classes1 X0 X1 = k1\_classes1 X0)$$