

t21_frechet (TMFfWmtiBd- nDU3Q7X3AVE7x2MzFRn5MvmpB)

October 27, 2020

Let $v1_frechet : \iota \Rightarrow o$ be given. Let $k3_topmetr : \iota$ be given. Let $v2_struct_0 : \iota \Rightarrow o$ be given. Let $v6_metric_1 : \iota \Rightarrow o$ be given. Let $v7_metric_1 : \iota \Rightarrow o$ be given. Let $v8_metric_1 : \iota \Rightarrow o$ be given. Let $v9_metric_1 : \iota \Rightarrow o$ be given. Let $l1_metric_1 : \iota \Rightarrow o$ be given. Let $k3_pcomps_1 : \iota \Rightarrow \iota$ be given. Let $v1_metric_1 : \iota \Rightarrow o$ be given. Let $k8_metric_1 : \iota$ be given. Assume the following.

$$\forall X0. ((\neg v2_struct_0 X0) \wedge ((v6_metric_1 X0) \wedge ((v7_metric_1 X0) \wedge ((v8_metric_1 X0) \wedge ((v9_metric_1 X0) \wedge (l1_metric_1 X0)))))) \Rightarrow (v1_frechet (k3_pcomps_1 X0)) \quad (1)$$

Assume the following.

$$(v1_metric_1 k8_metric_1) \wedge ((v6_metric_1 k8_metric_1) \wedge ((v7_metric_1 k8_metric_1) \wedge ((v8_metric_1 k8_metric_1) \wedge (v9_metric_1 k8_metric_1)))) \quad (2)$$

Assume the following.

$$(\neg v2_struct_0 k8_metric_1) \wedge (v1_metric_1 k8_metric_1) \quad (3)$$

Assume the following.

$$(v1_metric_1 k8_metric_1) \wedge (l1_metric_1 k8_metric_1) \quad (4)$$

Assume the following.

$$k3_topmetr = k3_pcomps_1 k8_metric_1 \quad (5)$$

Theorem 1 $v1_frechet k3_topmetr$.