

l30_jgraph_3 (TMM-
FqL2gH2RzQx31uS9iCNFeEYFELnQHBKU)

October 27, 2020

Let $r1_xreal_0 : \iota \Rightarrow \iota \Rightarrow o$ be given. Let $k17_euclid : \iota \Rightarrow \iota$ be given. Let $k22_euclid : \iota \Rightarrow \iota$ be given. Let $np_2 : \iota$ be given. Let $k18_euclid : \iota \Rightarrow \iota$ be given. Let $k1_real_1 : \iota \Rightarrow \iota$ be given. Let $np_1 : \iota$ be given. Assume the following.

$$(k17_euclid (k22_euclid np_2) = np_1) \wedge (k18_euclid (k22_euclid np_2) = np_1) \quad (1)$$

Assume the following.

$$\begin{aligned} & ((r1_xreal_0 (k18_euclid (k22_euclid np_2)) (k17_euclid (k22_euclid np_2))) \wedge (r1_xreal_0 (k1_real_1 (k17_euclid (k22_euclid np_2))) \\ & \quad (k18_euclid (k22_euclid np_2)))) \vee ((r1_xreal_0 (k17_euclid (k22_euclid np_2)) (k18_euclid (k22_euclid np_2))) \wedge (r1_xreal_0 \\ & \quad (k18_euclid (k22_euclid np_2)) (k1_real_1 (k17_euclid (k22_euclid np_2)))))) \quad (2) \end{aligned}$$

Theorem 1

$$\begin{aligned} & ((r1_xreal_0 (k17_euclid (k22_euclid np_2)) (k18_euclid (k22_euclid np_2))) \wedge (r1_xreal_0 (k1_real_1 (k18_euclid (k22_euclid np_2))) \\ & \quad (k17_euclid (k22_euclid np_2)))) \vee ((r1_xreal_0 (k18_euclid (k22_euclid np_2)) (k17_euclid (k22_euclid np_2))) \wedge (r1_xreal_0 \\ & \quad (k1_real_1 (k18_euclid (k22_euclid np_2)) (k17_euclid (k22_euclid np_2)))))) \end{aligned}$$