

# t31\_graph\_1 (TMLMpbuWNkCfhH- fXGD5r4LJ8B9BMn28H5oS)

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Let  $v2\_struct\_0 : \iota \Rightarrow o$  be given. Let  $v1\_graph\_1 : \iota \Rightarrow o$  be given. Let  $l1\_graph\_1 : \iota \Rightarrow o$  be given. Let  $r1\_tarski : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k1\_tarski : \iota \Rightarrow \iota$  be given. Let  $k11\_graph\_1 : \iota \Rightarrow \iota$  be given. Assume the following.

$$\forall X0. ((\neg v2\_struct\_0 X0) \wedge (v1\_graph\_1 X0) \wedge (l1\_graph\_1 X0)) \Rightarrow (X0 \in k11\_graph\_1 X0) \quad (1)$$

Assume the following.

$$\forall X0. \forall X1. (r1\_tarski (k1\_tarski X0) X1) \Leftrightarrow (X0 \in X1) \quad (2)$$

## Theorem 1

$$\forall X0. ((\neg v2\_struct\_0 X0) \wedge (v1\_graph\_1 X0) \wedge (l1\_graph\_1 X0)) \Rightarrow (r1\_tarski (k1\_tarski X0) (k11\_graph\_1 X0))$$