t33_waybel29 (TMN-FeStPgEXn7SZZH4qCGvn2TWjw3KHMR51)

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Let $v3\_orders\_2 : \iota \Rightarrow o$ be given. Let $v4\_orders\_2 : \iota \Rightarrow o$ be given. Let $v5\_orders\_2 : \iota \Rightarrow o$ be given. Let $v1\_lattice3 : \iota \Rightarrow o$ be given. Let $v2\_lattice3 : \iota \Rightarrow o$ be given. Let $v3\_lattice3 : \iota \Rightarrow o$ be given. Let $l1\_orders\_2 : \iota \Rightarrow o$ be given. Let $v3\_waybel\_3 : \iota \Rightarrow o$ be given. Let $k2\_yellow\_1 : \iota \Rightarrow \iota$ be given. Let $k5\_waybel11 : \iota \Rightarrow \iota$ be given. Let $k1\_waybel29 : \iota \Rightarrow \iota$ be given. Let $k3\_yellow\_3 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $k1\_waybel25 : \iota \Rightarrow \iota$ be given. Let $k2\_borsuk\_1 : \iota \Rightarrow \iota \Rightarrow \iota$ be given. Let $u1\_pre\_topc : \iota \Rightarrow \iota$ be given. Assume the following.

$$\forall X0.((v3\_orders\_2\ X0) \wedge ((v4\_orders\_2\ X0) \wedge ((v5\_orders\_2\ X0) \wedge ((v1\_lattice3\ X0) \wedge ((v2\_lattice3\ X0) \wedge ((v3\_lattice3\ X0) \wedge (l1\_orders\_2\ X0)))))) \Rightarrow ((\forall X1.((v3\_orders\_2\ X1) \wedge ((v4\_orders\_2\ X1) \wedge ((v5\_orders\_2\ X1) \wedge ((v1\_lattice3\ X1) \wedge ((v2\_lattice3\ X1) \wedge ((v3\_lattice3\ X1) \wedge (l1\_orders\_2\ X1)))))) \Rightarrow (k5\_waybel11\ (k3\_yellow\_3\ X1\ X0) = u1\_pre\_topc\ (k2\_borsuk\_1\ (k1\_waybel29\ X1)\ (k1\_waybel29\ X0)))) \Leftrightarrow (\forall X1.((v3\_orders\_2\ X1) \wedge ((v4\_orders\_2\ X1) \wedge ((v5\_orders\_2\ X1) \wedge ((v1\_lattice3\ X1) \wedge ((v2\_lattice3\ X1) \wedge ((v3\_lattice3\ X1) \wedge (l1\_orders\_2\ X1)))))) \Rightarrow (k1\_waybel29\ (k3\_yellow\_3\ X1\ X0) = k1\_waybel25\ (k2\_borsuk\_1\ (k1\_waybel29\ X1)\ (k1\_waybel29\ X0)))))) \tag{1}$$

Assume the following.

$$\forall X0.((v3\_orders\_2\ X0) \wedge ((v4\_orders\_2\ X0) \wedge ((v5\_orders\_2\ X0) \wedge ((v1\_lattice3\ X0) \wedge ((v2\_lattice3\ X0) \wedge ((v3\_lattice3\ X0) \wedge (l1\_orders\_2\ X0)))))) \Rightarrow ((v3\_waybel\_3\ (k2\_yellow\_1\ (k5\_waybel11\ X0))) \Leftrightarrow (\forall X1.((v3\_orders\_2\ X1) \wedge ((v4\_orders\_2\ X1) \wedge ((v5\_orders\_2\ X1) \wedge ((v1\_lattice3\ X1) \wedge ((v2\_lattice3\ X1) \wedge ((v3\_lattice3\ X1) \wedge (l1\_orders\_2\ X1)))))) \Rightarrow (k5\_waybel11\ (k3\_yellow\_3\ X1\ X0) = u1\_pre\_topc\ (k2\_borsuk\_1\ (k1\_waybel29\ X1)\ (k1\_waybel29\ X0)))))) \tag{2}$$

Theorem 1

$$\forall X0.((v3\_orders\_2\ X0)\wedge((v4\_orders\_2\ X0)\wedge((v5\_orders\_2\ X0)\wedge((v1\_lattice3\ X0)\wedge((v2\_lattice3\ X0)\wedge((v3\_lattice3\ X0)\wedge(l1\_orders\_2\ X0)))))))\Rightarrow((v3\_waybel\_3\ (k2\_yellow\_1\ (k5\_waybel11\ X0)))\Leftrightarrow(\forall X1.((v3\_orders\_2\ X1)\wedge((v4\_orders\_2\ X1)\wedge((v5\_orders\_2\ X1)\wedge((v1\_lattice3\ X1)\wedge((v2\_lattice3\ X1)\wedge((v3\_lattice3\ X1)\wedge(l1\_orders\_2\ X1)))))))\Rightarrow(k1\_waybel29\ (k3\_yellow\_3\ X1\ X0) = k1\_waybel25\ (k2\_borsuk\_1\ (k1\_waybel29\ X1)\ (k1\_waybel29\ X0)))))$$