

## t20\_descip\_1

(TMPtB9TraXkGQUdLtYWXMAYWksy5Yt9T1PY)

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Let  $k2\_finseq\_1 : \iota \Rightarrow \iota$  be given. Let  $np\_32 : \iota$  be given. Let  $np\_1 : \iota$  be given. Let  $np\_2 : \iota$  be given. Let  $np\_3 : \iota$  be given. Let  $np\_4 : \iota$  be given. Let  $np\_5 : \iota$  be given. Let  $np\_6 : \iota$  be given. Let  $np\_7 : \iota$  be given. Let  $np\_8 : \iota$  be given. Let  $np\_9 : \iota$  be given. Let  $np\_10 : \iota$  be given. Let  $np\_11 : \iota$  be given. Let  $np\_12 : \iota$  be given. Let  $np\_13 : \iota$  be given. Let  $np\_14 : \iota$  be given. Let  $np\_15 : \iota$  be given. Let  $np\_16 : \iota$  be given. Let  $np\_17 : \iota$  be given. Let  $np\_18 : \iota$  be given. Let  $np\_19 : \iota$  be given. Let  $np\_20 : \iota$  be given. Let  $np\_21 : \iota$  be given. Let  $np\_22 : \iota$  be given. Let  $np\_23 : \iota$  be given. Let  $np\_24 : \iota$  be given. Let  $np\_25 : \iota$  be given. Let  $np\_26 : \iota$  be given. Let  $np\_27 : \iota$  be given. Let  $np\_28 : \iota$  be given. Let  $np\_29 : \iota$  be given. Let  $np\_30 : \iota$  be given. Let  $np\_31 : \iota$  be given. Let  $m1\_subset\_1 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $v7\_ordinal1 : \iota \Rightarrow o$  be given. Let  $r1\_xxreal\_0 : \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $v2\_xxreal\_0 : \iota \Rightarrow o$  be given. Let  $m2\_subset\_1 : \iota \Rightarrow \iota \Rightarrow \iota \Rightarrow o$  be given. Let  $k1\_numbers : \iota$  be given. Let  $k5\_numbers : \iota$  be given. Let  $k2\_xcmplx\_0 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $k4\_ordinal1 : \iota$  be given. Let  $k1\_nat\_1 : \iota \Rightarrow \iota \Rightarrow \iota$  be given. Let  $v6\_membered : \iota \Rightarrow o$  be given. Let  $k1\_zfmisc\_1 : \iota \Rightarrow \iota$  be given. Assume the following.

$$\forall X0. \forall X1. (X0 \in X1) \Rightarrow (m1\_subset\_1 X0 X1) \quad (1)$$

Assume the following.

$$\forall X0. (v7\_ordinal1 X0) \Rightarrow (\forall X1. (v7\_ordinal1 X1) \Rightarrow ((X0 \in k2\_finseq\_1 X1) \Leftrightarrow ((r1\_xxreal\_0 np\_1 X0) \wedge (r1\_xxreal\_0 X0 X1)))) \quad (2)$$

Assume the following.

$$((v2\_xxreal\_0 np\_9) \wedge (m2\_subset\_1 np\_9 k1\_numbers k5\_numbers)) \wedge ((m1\_subset\_1 np\_9 k5\_numbers) \wedge (m1\_subset\_1 np\_9 k1\_numbers)) \quad (3)$$

Assume the following.

$$((v2\_xxreal\_0 np\_8) \wedge (m2\_subset\_1 np\_8 k1\_numbers k5\_numbers)) \wedge ((m1\_subset\_1 np\_8 k5\_numbers) \wedge (m1\_subset\_1 np\_8 k1\_numbers)) \quad (4)$$

Assume the following.

$$\begin{aligned} & ((v2\_xxreal\_0 \ np\_7) \wedge (m2\_subset\_1 \ np\_7 \ k1\_numbers \ k5\_numbers)) \wedge \\ & ((m1\_subset\_1 \ np\_7 \ k5\_numbers) \wedge (m1\_subset\_1 \ np\_7 \ k1\_numbers)) \end{aligned} \quad (5)$$

Assume the following.

$$\begin{aligned} & ((v2\_xxreal\_0 \ np\_6) \wedge (m2\_subset\_1 \ np\_6 \ k1\_numbers \ k5\_numbers)) \wedge \\ & ((m1\_subset\_1 \ np\_6 \ k5\_numbers) \wedge (m1\_subset\_1 \ np\_6 \ k1\_numbers)) \end{aligned} \quad (6)$$

Assume the following.

$$\begin{aligned} & ((v2\_xxreal\_0 \ np\_5) \wedge (m2\_subset\_1 \ np\_5 \ k1\_numbers \ k5\_numbers)) \wedge \\ & ((m1\_subset\_1 \ np\_5 \ k5\_numbers) \wedge (m1\_subset\_1 \ np\_5 \ k1\_numbers)) \end{aligned} \quad (7)$$

Assume the following.

$$\begin{aligned} & ((v2\_xxreal\_0 \ np\_4) \wedge (m2\_subset\_1 \ np\_4 \ k1\_numbers \ k5\_numbers)) \wedge \\ & ((m1\_subset\_1 \ np\_4 \ k5\_numbers) \wedge (m1\_subset\_1 \ np\_4 \ k1\_numbers)) \end{aligned} \quad (8)$$

Assume the following.

$$\begin{aligned} & ((v2\_xxreal\_0 \ np\_3) \wedge (m2\_subset\_1 \ np\_3 \ k1\_numbers \ k5\_numbers)) \wedge \\ & ((m1\_subset\_1 \ np\_3 \ k5\_numbers) \wedge (m1\_subset\_1 \ np\_3 \ k1\_numbers)) \end{aligned} \quad (9)$$

Assume the following.

$$\begin{aligned} & ((v2\_xxreal\_0 \ np\_32) \wedge (m2\_subset\_1 \ np\_32 \ k1\_numbers \ k5\_numbers)) \wedge \\ & ((m1\_subset\_1 \ np\_32 \ k5\_numbers) \wedge (m1\_subset\_1 \ np\_32 \ k1\_numbers)) \end{aligned} \quad (10)$$

Assume the following.

$$\begin{aligned} & ((v2\_xxreal\_0 \ np\_31) \wedge (m2\_subset\_1 \ np\_31 \ k1\_numbers \ k5\_numbers)) \wedge \\ & ((m1\_subset\_1 \ np\_31 \ k5\_numbers) \wedge (m1\_subset\_1 \ np\_31 \ k1\_numbers)) \end{aligned} \quad (11)$$

Assume the following.

$$\begin{aligned} & ((v2\_xxreal\_0 \ np\_30) \wedge (m2\_subset\_1 \ np\_30 \ k1\_numbers \ k5\_numbers)) \wedge \\ & ((m1\_subset\_1 \ np\_30 \ k5\_numbers) \wedge (m1\_subset\_1 \ np\_30 \ k1\_numbers)) \end{aligned} \quad (12)$$

Assume the following.

$$\begin{aligned} & ((v2\_xxreal\_0 \ np\_2) \wedge (m2\_subset\_1 \ np\_2 \ k1\_numbers \ k5\_numbers)) \wedge \\ & ((m1\_subset\_1 \ np\_2 \ k5\_numbers) \wedge (m1\_subset\_1 \ np\_2 \ k1\_numbers)) \end{aligned} \quad (13)$$

Assume the following.

$$\begin{aligned} & ((v2\_xxreal\_0 \ np\_29) \wedge (m2\_subset\_1 \ np\_29 \ k1\_numbers \ k5\_numbers)) \wedge \\ & ((m1\_subset\_1 \ np\_29 \ k5\_numbers) \wedge (m1\_subset\_1 \ np\_29 \ k1\_numbers)) \end{aligned} \quad (14)$$

Assume the following.

$$\begin{aligned} & ((v2\_xreal\_0 \ np\_28) \wedge (m2\_subset\_1 \ np\_28 \ k1\_numbers \ k5\_numbers)) \wedge \\ & ((m1\_subset\_1 \ np\_28 \ k5\_numbers) \wedge (m1\_subset\_1 \ np\_28 \ k1\_numbers)) \end{aligned} \quad (15)$$

Assume the following.

$$\begin{aligned} & ((v2\_xreal\_0 \ np\_27) \wedge (m2\_subset\_1 \ np\_27 \ k1\_numbers \ k5\_numbers)) \wedge \\ & ((m1\_subset\_1 \ np\_27 \ k5\_numbers) \wedge (m1\_subset\_1 \ np\_27 \ k1\_numbers)) \end{aligned} \quad (16)$$

Assume the following.

$$\begin{aligned} & ((v2\_xreal\_0 \ np\_26) \wedge (m2\_subset\_1 \ np\_26 \ k1\_numbers \ k5\_numbers)) \wedge \\ & ((m1\_subset\_1 \ np\_26 \ k5\_numbers) \wedge (m1\_subset\_1 \ np\_26 \ k1\_numbers)) \end{aligned} \quad (17)$$

Assume the following.

$$\begin{aligned} & ((v2\_xreal\_0 \ np\_25) \wedge (m2\_subset\_1 \ np\_25 \ k1\_numbers \ k5\_numbers)) \wedge \\ & ((m1\_subset\_1 \ np\_25 \ k5\_numbers) \wedge (m1\_subset\_1 \ np\_25 \ k1\_numbers)) \end{aligned} \quad (18)$$

Assume the following.

$$\begin{aligned} & ((v2\_xreal\_0 \ np\_24) \wedge (m2\_subset\_1 \ np\_24 \ k1\_numbers \ k5\_numbers)) \wedge \\ & ((m1\_subset\_1 \ np\_24 \ k5\_numbers) \wedge (m1\_subset\_1 \ np\_24 \ k1\_numbers)) \end{aligned} \quad (19)$$

Assume the following.

$$\begin{aligned} & ((v2\_xreal\_0 \ np\_23) \wedge (m2\_subset\_1 \ np\_23 \ k1\_numbers \ k5\_numbers)) \wedge \\ & ((m1\_subset\_1 \ np\_23 \ k5\_numbers) \wedge (m1\_subset\_1 \ np\_23 \ k1\_numbers)) \end{aligned} \quad (20)$$

Assume the following.

$$\begin{aligned} & ((v2\_xreal\_0 \ np\_22) \wedge (m2\_subset\_1 \ np\_22 \ k1\_numbers \ k5\_numbers)) \wedge \\ & ((m1\_subset\_1 \ np\_22 \ k5\_numbers) \wedge (m1\_subset\_1 \ np\_22 \ k1\_numbers)) \end{aligned} \quad (21)$$

Assume the following.

$$\begin{aligned} & ((v2\_xreal\_0 \ np\_21) \wedge (m2\_subset\_1 \ np\_21 \ k1\_numbers \ k5\_numbers)) \wedge \\ & ((m1\_subset\_1 \ np\_21 \ k5\_numbers) \wedge (m1\_subset\_1 \ np\_21 \ k1\_numbers)) \end{aligned} \quad (22)$$

Assume the following.

$$\begin{aligned} & ((v2\_xreal\_0 \ np\_20) \wedge (m2\_subset\_1 \ np\_20 \ k1\_numbers \ k5\_numbers)) \wedge \\ & ((m1\_subset\_1 \ np\_20 \ k5\_numbers) \wedge (m1\_subset\_1 \ np\_20 \ k1\_numbers)) \end{aligned} \quad (23)$$

Assume the following.

$$\begin{aligned} & ((v2\_xreal\_0 \ np\_1) \wedge (m2\_subset\_1 \ np\_1 \ k1\_numbers \ k5\_numbers)) \wedge \\ & ((m1\_subset\_1 \ np\_1 \ k5\_numbers) \wedge (m1\_subset\_1 \ np\_1 \ k1\_numbers)) \end{aligned} \quad (24)$$

Assume the following.

$$\begin{aligned} & ((v2\_xreal\_0 \ np\_19) \wedge (m2\_subset\_1 \ np\_19 \ k1\_numbers \ k5\_numbers)) \wedge \\ & ((m1\_subset\_1 \ np\_19 \ k5\_numbers) \wedge (m1\_subset\_1 \ np\_19 \ k1\_numbers)) \end{aligned} \quad (25)$$

Assume the following.

$$\begin{aligned} & ((v2\_xreal\_0 \ np\_18) \wedge (m2\_subset\_1 \ np\_18 \ k1\_numbers \ k5\_numbers)) \wedge \\ & ((m1\_subset\_1 \ np\_18 \ k5\_numbers) \wedge (m1\_subset\_1 \ np\_18 \ k1\_numbers)) \end{aligned} \quad (26)$$

Assume the following.

$$\begin{aligned} & ((v2\_xreal\_0 \ np\_17) \wedge (m2\_subset\_1 \ np\_17 \ k1\_numbers \ k5\_numbers)) \wedge \\ & ((m1\_subset\_1 \ np\_17 \ k5\_numbers) \wedge (m1\_subset\_1 \ np\_17 \ k1\_numbers)) \end{aligned} \quad (27)$$

Assume the following.

$$\begin{aligned} & ((v2\_xreal\_0 \ np\_16) \wedge (m2\_subset\_1 \ np\_16 \ k1\_numbers \ k5\_numbers)) \wedge \\ & ((m1\_subset\_1 \ np\_16 \ k5\_numbers) \wedge (m1\_subset\_1 \ np\_16 \ k1\_numbers)) \end{aligned} \quad (28)$$

Assume the following.

$$\begin{aligned} & ((v2\_xreal\_0 \ np\_15) \wedge (m2\_subset\_1 \ np\_15 \ k1\_numbers \ k5\_numbers)) \wedge \\ & ((m1\_subset\_1 \ np\_15 \ k5\_numbers) \wedge (m1\_subset\_1 \ np\_15 \ k1\_numbers)) \end{aligned} \quad (29)$$

Assume the following.

$$\begin{aligned} & ((v2\_xreal\_0 \ np\_14) \wedge (m2\_subset\_1 \ np\_14 \ k1\_numbers \ k5\_numbers)) \wedge \\ & ((m1\_subset\_1 \ np\_14 \ k5\_numbers) \wedge (m1\_subset\_1 \ np\_14 \ k1\_numbers)) \end{aligned} \quad (30)$$

Assume the following.

$$\begin{aligned} & ((v2\_xreal\_0 \ np\_13) \wedge (m2\_subset\_1 \ np\_13 \ k1\_numbers \ k5\_numbers)) \wedge \\ & ((m1\_subset\_1 \ np\_13 \ k5\_numbers) \wedge (m1\_subset\_1 \ np\_13 \ k1\_numbers)) \end{aligned} \quad (31)$$

Assume the following.

$$\begin{aligned} & ((v2\_xreal\_0 \ np\_12) \wedge (m2\_subset\_1 \ np\_12 \ k1\_numbers \ k5\_numbers)) \wedge \\ & ((m1\_subset\_1 \ np\_12 \ k5\_numbers) \wedge (m1\_subset\_1 \ np\_12 \ k1\_numbers)) \end{aligned} \quad (32)$$

Assume the following.

$$\begin{aligned} & ((v2\_xreal\_0 \ np\_11) \wedge (m2\_subset\_1 \ np\_11 \ k1\_numbers \ k5\_numbers)) \wedge \\ & ((m1\_subset\_1 \ np\_11 \ k5\_numbers) \wedge (m1\_subset\_1 \ np\_11 \ k1\_numbers)) \end{aligned} \quad (33)$$

Assume the following.

$$\begin{aligned} & ((v2\_xreal\_0 \ np\_10) \wedge (m2\_subset\_1 \ np\_10 \ k1\_numbers \ k5\_numbers)) \wedge \\ & ((m1\_subset\_1 \ np\_10 \ k5\_numbers) \wedge (m1\_subset\_1 \ np\_10 \ k1\_numbers)) \end{aligned} \quad (34)$$

Assume the following.

$$k2\_xcmplx\_0\ np\_1\ np\_9 = np\_10 \quad (35)$$

Assume the following.

$$k2\_xcmplx\_0\ np\_1\ np\_8 = np\_9 \quad (36)$$

Assume the following.

$$k2\_xcmplx\_0\ np\_1\ np\_7 = np\_8 \quad (37)$$

Assume the following.

$$k2\_xcmplx\_0\ np\_1\ np\_6 = np\_7 \quad (38)$$

Assume the following.

$$k2\_xcmplx\_0\ np\_1\ np\_5 = np\_6 \quad (39)$$

Assume the following.

$$k2\_xcmplx\_0\ np\_1\ np\_4 = np\_5 \quad (40)$$

Assume the following.

$$k2\_xcmplx\_0\ np\_1\ np\_3 = np\_4 \quad (41)$$

Assume the following.

$$k2\_xcmplx\_0\ np\_1\ np\_31 = np\_32 \quad (42)$$

Assume the following.

$$k2\_xcmplx\_0\ np\_1\ np\_30 = np\_31 \quad (43)$$

Assume the following.

$$k2\_xcmplx\_0\ np\_1\ np\_2 = np\_3 \quad (44)$$

Assume the following.

$$k2\_xcmplx\_0\ np\_1\ np\_29 = np\_30 \quad (45)$$

Assume the following.

$$k2\_xcmplx\_0\ np\_1\ np\_28 = np\_29 \quad (46)$$

Assume the following.

$$k2\_xcmplx\_0\ np\_1\ np\_27 = np\_28 \quad (47)$$

Assume the following.

$$k2\_xcmplx\_0\ np\_1\ np\_26 = np\_27 \quad (48)$$

Assume the following.

$$k2\_xcmplx\_0\ np\_1\ np\_25 = np\_26 \quad (49)$$

Assume the following.

$$k2\_xcmplx\_0\ np\_1\ np\_24 = np\_25 \quad (50)$$

Assume the following.

$$k2\_xcmplx\_0\ np\_1\ np\_23 = np\_24 \quad (51)$$

Assume the following.

$$k2\_xcmplx\_0\ np\_1\ np\_22 = np\_23 \quad (52)$$

Assume the following.

$$k2\_xcmplx\_0\ np\_1\ np\_21 = np\_22 \quad (53)$$

Assume the following.

$$k2\_xcmplx\_0\ np\_1\ np\_20 = np\_21 \quad (54)$$

Assume the following.

$$k2\_xcmplx\_0\ np\_1\ np\_1 = np\_2 \quad (55)$$

Assume the following.

$$k2\_xcmplx\_0\ np\_1\ np\_19 = np\_20 \quad (56)$$

Assume the following.

$$k2\_xcmplx\_0\ np\_1\ np\_18 = np\_19 \quad (57)$$

Assume the following.

$$k2\_xcmplx\_0\ np\_1\ np\_17 = np\_18 \quad (58)$$

Assume the following.

$$k2\_xcmplx\_0\ np\_1\ np\_16 = np\_17 \quad (59)$$

Assume the following.

$$k2\_xcmplx\_0\ np\_1\ np\_15 = np\_16 \quad (60)$$

Assume the following.

$$k2\_xcmplx\_0 \ np\_1 \ np\_14 = np\_15 \quad (61)$$

Assume the following.

$$k2\_xcmplx\_0 \ np\_1 \ np\_13 = np\_14 \quad (62)$$

Assume the following.

$$k2\_xcmplx\_0 \ np\_1 \ np\_12 = np\_13 \quad (63)$$

Assume the following.

$$k2\_xcmplx\_0 \ np\_1 \ np\_11 = np\_12 \quad (64)$$

Assume the following.

$$k2\_xcmplx\_0 \ np\_1 \ np\_10 = np\_11 \quad (65)$$

Assume the following.

$$k5\_numbers = k4\_ordinal1 \quad (66)$$

Assume the following.

$$\forall X0. \forall X1. ((v7\_ordinal1 \ X0) \wedge (m1\_subset\_1 \ X1 \ k5\_numbers)) \Rightarrow \quad (67)$$

$$(k1\_nat\_1 \ X0 \ X1 = k2\_xcmplx\_0 \ X0 \ X1)$$

Assume the following.

$$\forall X0. (v7\_ordinal1 \ X0) \Rightarrow (\forall X1. (v7\_ordinal1 \ X1) \Rightarrow (\neg$$

$$(r1\_xxreal\_0 \ X0 \ X1) \wedge (r1\_xxreal\_0 \ X1 \ (k1\_nat\_1 \ X0 \ np\_31)) \wedge (($$

$$X1 \neq X0) \wedge ((X1 \neq k1\_nat\_1 \ X0 \ np\_1) \wedge ((X1 \neq k1\_nat\_1 \ X0 \ np\_2) \wedge ((X1 \neq$$

$$k1\_nat\_1 \ X0 \ np\_3) \wedge ((X1 \neq k1\_nat\_1 \ X0 \ np\_4) \wedge ((X1 \neq k1\_nat\_1 \ X0 \ np\_5) \wedge$$

$$((X1 \neq k1\_nat\_1 \ X0 \ np\_6) \wedge ((X1 \neq k1\_nat\_1 \ X0 \ np\_7) \wedge ((X1 \neq k1\_nat\_1$$

$$X0 \ np\_8) \wedge ((X1 \neq k1\_nat\_1 \ X0 \ np\_9) \wedge ((X1 \neq k1\_nat\_1 \ X0 \ np\_10) \wedge$$

$$(X1 \neq k1\_nat\_1 \ X0 \ np\_11) \wedge ((X1 \neq k1\_nat\_1 \ X0 \ np\_12) \wedge ((X1 \neq k1\_nat\_1$$

$$X0 \ np\_13) \wedge ((X1 \neq k1\_nat\_1 \ X0 \ np\_14) \wedge ((X1 \neq k1\_nat\_1 \ X0 \ np\_15) \wedge$$

$$(X1 \neq k1\_nat\_1 \ X0 \ np\_16) \wedge ((X1 \neq k1\_nat\_1 \ X0 \ np\_17) \wedge ((X1 \neq k1\_nat\_1$$

$$X0 \ np\_18) \wedge ((X1 \neq k1\_nat\_1 \ X0 \ np\_19) \wedge ((X1 \neq k1\_nat\_1 \ X0 \ np\_20) \wedge$$

$$(X1 \neq k1\_nat\_1 \ X0 \ np\_21) \wedge ((X1 \neq k1\_nat\_1 \ X0 \ np\_22) \wedge ((X1 \neq k1\_nat\_1$$

$$X0 \ np\_23) \wedge ((X1 \neq k1\_nat\_1 \ X0 \ np\_24) \wedge ((X1 \neq k1\_nat\_1 \ X0 \ np\_25) \wedge$$

$$(X1 \neq k1\_nat\_1 \ X0 \ np\_26) \wedge ((X1 \neq k1\_nat\_1 \ X0 \ np\_27) \wedge ((X1 \neq k1\_nat\_1$$

$$X0 \ np\_28) \wedge ((X1 \neq k1\_nat\_1 \ X0 \ np\_29) \wedge ((X1 \neq k1\_nat\_1 \ X0 \ np\_30) \wedge$$

$$(X1 \neq k1\_nat\_1 \ X0 \ np\_31))$$

$$(68)$$

Assume the following.

$$v6\_membered \ k4\_ordinal1 \quad (69)$$

Assume the following.

$$\forall X0.(v7\_ordinal1 X0) \Rightarrow (m1\_subset\_1 (k2\_finseq\_1 X0) (k1\_zfmisc\_1 k5\_numbers)) \tag{70}$$

Assume the following.

$$\forall X0.(m1\_subset\_1 X0 k4\_ordinal1) \Rightarrow (v7\_ordinal1 X0) \tag{71}$$

Assume the following.

$$\forall X0.(v6\_membered X0) \Rightarrow (\forall X1.(m1\_subset\_1 X1 (k1\_zfmisc\_1 X0)) \Rightarrow (v6\_membered X1)) \tag{72}$$

Assume the following.

$$\forall X0.(v6\_membered X0) \Rightarrow (\forall X1.(m1\_subset\_1 X1 X0) \Rightarrow (v7\_ordinal1 X1)) \tag{73}$$

**Theorem 1**

$$\begin{aligned} \forall X0. \neg (X0 \in k2\_finseq\_1 np\_32) \wedge ((X0 \neq np\_1) \wedge ((X0 \neq np\_2) \wedge \\ ((X0 \neq np\_3) \wedge ((X0 \neq np\_4) \wedge ((X0 \neq np\_5) \wedge ((X0 \neq np\_6) \wedge ((X0 \neq np\_7) \wedge \\ ((X0 \neq np\_8) \wedge ((X0 \neq np\_9) \wedge ((X0 \neq np\_10) \wedge ((X0 \neq np\_11) \wedge ((X0 \neq \\ np\_12) \wedge ((X0 \neq np\_13) \wedge ((X0 \neq np\_14) \wedge ((X0 \neq np\_15) \wedge ((X0 \neq np\_16) \wedge \\ ((X0 \neq np\_17) \wedge ((X0 \neq np\_18) \wedge ((X0 \neq np\_19) \wedge ((X0 \neq np\_20) \wedge ((X0 \neq \\ np\_21) \wedge ((X0 \neq np\_22) \wedge ((X0 \neq np\_23) \wedge ((X0 \neq np\_24) \wedge ((X0 \neq np\_25) \wedge \\ ((X0 \neq np\_26) \wedge ((X0 \neq np\_27) \wedge ((X0 \neq np\_28) \wedge ((X0 \neq np\_29) \wedge ((X0 \neq \\ np\_30) \wedge ((X0 \neq np\_31) \wedge (X0 \neq np\_32))))))))))))))))))))))))))))) \end{aligned}$$