Nmatrix (level 0) in KT4

• $\mathcal{D} = \{t,T\}$

Subformulas

- (φ_0) p
- (φ_1) q
- (φ_2) $(p \rightarrow q)$
- $(\varphi_3) \square p$
- $(\varphi_4) \Box q$
- $(\varphi_5) \square (p \rightarrow q)$
- $(\varphi_6) (\Box p \rightarrow \Box q)$
- (φ_7) $(\Box(p \rightarrow q) \rightarrow (\Box p \rightarrow \Box q))$

Id	φ_0	φ_1	φ_2	φ_3	φ_4	$arphi_5$	φ_6	$arphi_7$
(1)	${f F}$	${f F}$	${f T}$	${f F}$	${f F}$	${f T}$	${f T}$	${f T}$
(2)	${f F}$	${f f}$	${f T}$	${f F}$	${f F}$	${f T}$	${f T}$	${f T}$
(3)	${f F}$	${f f}$	${f T}$	${f F}$	${f f}$	${f T}$	${f T}$	${f T}$
(4)	${f F}$	${f t}$	${f T}$	${f F}$	${f F}$	${f T}$	${f T}$	${f T}$
(5)	${f F}$	${f t}$	${f T}$	${f F}$	${f f}$	${f T}$	${f T}$	${f T}$
(6)	${f F}$	${f T}$	${f T}$	${f F}$	${f T}$	${f T}$	${f T}$	${f T}$
(7)	${f f}$	${f F}$	${f t}$	${f F}$	${f F}$	${f F}$	${f T}$	${f T}$
(8)	${f f}$	${f F}$	${f t}$	${f F}$	${f F}$	${f f}$	${f T}$	${f T}$
(9)	${f f}$	${f F}$	${f t}$	${f f}$	${f F}$	${f F}$	${f t}$	${f T}$
(10)	${f f}$	${f F}$	${f t}$	${f f}$	${f F}$	${f f}$	${f t}$	${f T}$
(11)	${f f}$	${f F}$	${f t}$	${f f}$	${f F}$	${f f}$	${f t}$	${f t}$
(12)	${f f}$	${f f}$	${f T}$	${f F}$	${f F}$	${f T}$	${f T}$	${f T}$
(13)	${f f}$	${f f}$	${f T}$	${f F}$	${f f}$	${f T}$	${f T}$	${f T}$
(14)	${f f}$	${f f}$	${f T}$	${f f}$	${f F}$	${f T}$	${f t}$	${f t}$
(15)	${f f}$	${f f}$	${f T}$	${f f}$	${f f}$	${f T}$	${f T}$	${f T}$

Id	φ_0	$arphi_1$	$arphi_2$	φ_3	φ_4	$arphi_5$	φ_6	φ_7
(16)	\mathbf{f}	\mathbf{f}	${f T}$	\mathbf{f}	\mathbf{f}	${f T}$	t	\mathbf{t}
(17)	${f f}$	${f f}$	${f t}$	${f F}$	${f F}$	${f F}$	${f T}$	${f T}$
(18)	${f f}$	${f f}$	${f t}$	${f F}$	${f F}$	${f f}$	${f T}$	${f T}$
(19)	${f f}$	${f f}$	${f t}$	${f F}$	${f f}$	${f F}$	${f T}$	${f T}$
(20)	${f f}$	${f f}$	${f t}$	${f F}$	${f f}$	${f f}$	${f T}$	${f T}$
(21)	${f f}$	${f f}$	\mathbf{t}	${f f}$	${f F}$	${f F}$	\mathbf{t}	${f T}$
(22)	${f f}$	${f f}$	\mathbf{t}	${f f}$	${f F}$	${f f}$	\mathbf{t}	${f T}$
(23)	${f f}$	${f f}$	\mathbf{t}	${f f}$	${f F}$	${f f}$	\mathbf{t}	\mathbf{t}
(24)	${f f}$	${f f}$	\mathbf{t}	${f f}$	${f f}$	${f F}$	${f T}$	${f T}$
(25)	${f f}$	${f f}$	\mathbf{t}	${f f}$	${f f}$	${f F}$	\mathbf{t}	${f T}$
(26)	${f f}$	${f f}$	\mathbf{t}	${f f}$	${f f}$	${f f}$	${f T}$	${f T}$
(27)	${f f}$	${f f}$	\mathbf{t}	${f f}$	${f f}$	${f f}$	\mathbf{t}	${f T}$
(28)	${f f}$	${f f}$	${f t}$	${f f}$	${f f}$	${f f}$	\mathbf{t}	\mathbf{t}
(29)	${f f}$	\mathbf{t}	${f T}$	${f F}$	${f F}$	${f T}$	${f T}$	${f T}$
(30)	${f f}$	\mathbf{t}	${f T}$	${f F}$	${f f}$	${f T}$	${f T}$	${f T}$
(31)	${f f}$	\mathbf{t}	${f T}$	${f f}$	${f F}$	${f T}$	\mathbf{t}	\mathbf{t}
(32)	${f f}$	\mathbf{t}	${f T}$	${f f}$	${f f}$	${f T}$	${f T}$	${f T}$
(33)	${f f}$	\mathbf{t}	${f T}$	${f f}$	${f f}$	${f T}$	${f t}$	${f t}$
(34)	${f f}$	\mathbf{t}	${f t}$	${f F}$	${f F}$	${f F}$	${f T}$	${f T}$
(35)	${f f}$	\mathbf{t}	${f t}$	${f F}$	${f F}$	${f f}$	${f T}$	${f T}$
(36)	${f f}$	\mathbf{t}	${f t}$	${f F}$	${f f}$	${f F}$	${f T}$	${f T}$
(37)	${f f}$	${f t}$	${f t}$	${f F}$	${f f}$	${f f}$	${f T}$	${f T}$
(38)	${f f}$	\mathbf{t}	${f t}$	${f f}$	${f F}$	${f F}$	${f t}$	${f T}$
(39)	${f f}$	${f t}$	${f t}$	${f f}$	${f F}$	${f f}$	${f t}$	${f T}$
(40)	f	\mathbf{t}	${f t}$	${f f}$	${f F}$	${f f}$	${f t}$	\mathbf{t}
(41)	f	\mathbf{t}	${f t}$	${f f}$	${f f}$	${f F}$	${f T}$	${f T}$
(42)	\mathbf{f}	${f t}$	${f t}$	${f f}$	${f f}$	${f F}$	${f t}$	${f T}$
(43)	${f f}$	\mathbf{t}	${f t}$	${f f}$	${f f}$	${f f}$	${f T}$	${f T}$
(44)	\mathbf{f}	\mathbf{t}	${f t}$	\mathbf{f}	\mathbf{f}	\mathbf{f}	\mathbf{t}	${f T}$
(45)	${f f}$	\mathbf{t}	\mathbf{t}	${f f}$	${f f}$	${f f}$	\mathbf{t}	\mathbf{t}

Id	φ_0	φ_1	$arphi_2$	φ_3	φ_4	$arphi_5$	φ_6	φ_7
$\overline{(46)}$	\mathbf{f}	\mathbf{T}	\mathbf{T}	\mathbf{F}	\mathbf{T}	\mathbf{T}	${f T}$	${f T}$
(47)	${f f}$	${f T}$	${f T}$	${f f}$	${f T}$	${f T}$	${f T}$	${f T}$
(48)	\mathbf{t}	${f F}$	${f T}$	${f T}$				
(49)	\mathbf{t}	${f F}$	${f T}$	${f T}$				
(50)	\mathbf{t}	${f F}$	${f t}$	${f T}$				
(51)	${f t}$	${f F}$	${f t}$	${f T}$				
(52)	${f t}$	${f F}$	${f t}$	${f t}$				
(53)	\mathbf{t}	${f f}$	${f T}$	${f T}$				
(54)	\mathbf{t}	${f f}$	${f T}$	${f T}$				
(55)	\mathbf{t}	${f f}$	${f T}$	${f T}$				
(56)	\mathbf{t}	${f f}$	${f T}$	${f T}$				
(57)	\mathbf{t}	${f f}$	\mathbf{t}	${f T}$				
(58)	\mathbf{t}	${f f}$	\mathbf{t}	${f T}$				
(59)	\mathbf{t}	${f f}$	\mathbf{t}	\mathbf{t}				
(60)	\mathbf{t}	${f f}$	${f T}$	${f T}$				
(61)	\mathbf{t}	${f f}$	\mathbf{t}	${f T}$				
(62)	\mathbf{t}	${f f}$	${f T}$	${f T}$				
(63)	${f t}$	${f f}$	${f t}$	${f T}$				
(64)	${f t}$	${f f}$	${f t}$	${f t}$				
(65)	${f t}$	${f t}$	${f T}$	${f F}$	${f F}$	${f T}$	${f T}$	${f T}$
(66)	${f t}$	${f t}$	${f T}$	${f F}$	${f f}$	${f T}$	${f T}$	${f T}$
(67)	${f t}$	${f t}$	${f T}$	${f f}$	${f F}$	${f T}$	${f t}$	${f t}$
(68)	${f t}$	${f t}$	${f T}$	${f f}$	${f f}$	${f T}$	${f T}$	${f T}$
(69)	\mathbf{t}	\mathbf{t}	${f T}$	${f f}$	${f f}$	${f T}$	${f t}$	\mathbf{t}
(70)	\mathbf{t}	\mathbf{t}	${f t}$	${f F}$	${f F}$	${f F}$	${f T}$	${f T}$
(71)	\mathbf{t}	${f t}$	\mathbf{t}	${f F}$	${f F}$	${f f}$	${f T}$	${f T}$
(72)	${f t}$	${f t}$	${f t}$	${f F}$	${f f}$	${f F}$	${f T}$	${f T}$
(73)	\mathbf{t}	${f t}$	\mathbf{t}	${f F}$	${f f}$	${f f}$	${f T}$	${f T}$
(74)	\mathbf{t}	\mathbf{t}	\mathbf{t}	\mathbf{f}	${f F}$	\mathbf{F}	\mathbf{t}	${f T}$
(75)	\mathbf{t}	\mathbf{t}	\mathbf{t}	${f f}$	${f F}$	${f f}$	\mathbf{t}	${f T}$

Id	φ_0	φ_1	φ_2	φ_3	φ_4	$arphi_5$	φ_6	φ_7
(76)	t	\mathbf{t}	\mathbf{t}	\mathbf{f}	${f F}$	\mathbf{f}	t	\mathbf{t}
$(\gamma\gamma)$	\mathbf{t}	${f t}$	\mathbf{t}	${f f}$	${f f}$	${f F}$	${f T}$	${f T}$
(78)	\mathbf{t}	${f t}$	${f t}$	${f f}$	${f f}$	${f F}$	${f t}$	${f T}$
(79)	\mathbf{t}	${f t}$	${f t}$	${f f}$	${f f}$	${f f}$	${f T}$	${f T}$
(80)	\mathbf{t}	\mathbf{t}	\mathbf{t}	${f f}$	${f f}$	${f f}$	\mathbf{t}	${f T}$
(81)	\mathbf{t}	\mathbf{t}	\mathbf{t}	${f f}$	${f f}$	${f f}$	\mathbf{t}	\mathbf{t}
(82)	\mathbf{t}	${f T}$	${f T}$	${f F}$	${f T}$	${f T}$	${f T}$	${f T}$
(83)	\mathbf{t}	${f T}$	${f T}$	${f f}$	${f T}$	${f T}$	${f T}$	${f T}$
(84)	${f T}$	${f F}$	${f F}$	${f T}$	${f F}$	${f F}$	${f F}$	${f T}$
(85)	${f T}$	${f f}$	${f f}$	${f T}$	${f F}$	${f F}$	${f F}$	${f T}$
(86)	${f T}$	${f f}$	${f f}$	${f T}$	${f F}$	${f f}$	${f F}$	${f t}$
(87)	${f T}$	${f f}$	${f f}$	${f T}$	${f f}$	${f F}$	${f f}$	${f T}$
(88)	${f T}$	${f f}$	${f f}$	${f T}$	${f f}$	${f f}$	${f f}$	${f T}$
(89)	${f T}$	${f f}$	${f f}$	${f T}$	${f f}$	${f f}$	${f f}$	${f t}$
(90)	${f T}$	${f t}$	${f t}$	${f T}$	${f F}$	${f F}$	${f F}$	${f T}$
(91)	${f T}$	${f t}$	${f t}$	${f T}$	${f F}$	${f f}$	${f F}$	${f t}$
(92)	${f T}$	\mathbf{t}	${f t}$	${f T}$	${f f}$	${f F}$	${f f}$	${f T}$
(93)	${f T}$	\mathbf{t}	\mathbf{t}	${f T}$	${f f}$	${f f}$	${f f}$	${f T}$
(94)	${f T}$	\mathbf{t}	\mathbf{t}	${f T}$	${f f}$	${f f}$	${f f}$	\mathbf{t}
(95)	\mathbf{T}	T	T	T	T	T	\mathbf{T}	\mathbf{T}