Nmatrix (level 0) in K5

• $\mathcal{D} = \{\mathbf{t}_2, \mathbf{t}_1, \mathbf{t}, \mathbf{T}\}$

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	φ_5	φ_6	φ_7
(1)	${f F}$	${f F}$	${f T}$	${f F}$	${f F}$	\mathbf{t}_2	${f T}$	${f T}$
(2)	${f F}$	${f F}$	${f T}$	${f F}$	${f F}$	${f T}$	${f T}$	${f T}$
(3)	${f F}$	${f f}$	${f T}$	${f F}$	${f F}$	\mathbf{t}_2	${f T}$	${f T}$
(4)	${f F}$	${f f}$	${f T}$	${f F}$	${f F}$	${f T}$	${f T}$	${f T}$
(5)	${f F}$	\mathbf{f}_2	${f T}$	${f F}$	\mathbf{t}_2	\mathbf{t}_2	${f T}$	${f T}$
(6)	${f F}$	\mathbf{f}_2	${f T}$	${f F}$	\mathbf{t}_2	${f T}$	${f T}$	${f T}$
(7)	${f F}$	\mathbf{f}_2	${f T}$	${f F}$	${f T}$	\mathbf{t}_2	${f T}$	${f T}$
(8)	${f F}$	\mathbf{f}_2	${f T}$	${f F}$	${f T}$	${f T}$	${f T}$	${f T}$
(9)	${f F}$	\mathbf{t}_2	${f T}$	${f F}$	${f F}$	\mathbf{t}_2	${f T}$	${f T}$
(10)	${f F}$	\mathbf{t}_2	${f T}$	${f F}$	${f F}$	${f T}$	${f T}$	${f T}$
(11)	${f F}$	${f t}$	${f T}$	${f F}$	${f F}$	\mathbf{t}_2	${f T}$	${f T}$
(12)	${f F}$	${f t}$	${f T}$	${f F}$	${f F}$	${f T}$	${f T}$	${f T}$
(13)	${f F}$	${f T}$	${f T}$	${f F}$	\mathbf{t}_2	\mathbf{t}_2	${f T}$	${f T}$
(14)	${f F}$	${f T}$	${f T}$	${f F}$	\mathbf{t}_2	${f T}$	${f T}$	${f T}$
(15)	${f F}$	${f T}$	${f T}$	${f F}$	${f T}$	\mathbf{t}_2	${f T}$	${f T}$

Id	φ_0	φ_1	$arphi_2$	φ_3	φ_4	$arphi_5$	$arphi_6$	$arphi_7$
(16)	${f F}$	${f T}$	${f T}$	${f F}$	${f T}$	${f T}$	${f T}$	${f T}$
(17)	${f f}$	${f F}$	\mathbf{t}	${f F}$	${f F}$	${f F}$	${f T}$	${f T}$
(18)	${f f}$	${f f}$	${f T}$	${f F}$	${f F}$	\mathbf{t}_2	${f T}$	${f T}$
(19)	${f f}$	${f f}$	${f T}$	${f F}$	${f F}$	${f T}$	${f T}$	${f T}$
(20)	${f f}$	${f f}$	\mathbf{t}	${f F}$	${f F}$	${f F}$	${f T}$	${f T}$
(21)	${f f}$	\mathbf{f}_2	${f T}$	${f F}$	\mathbf{t}_2	\mathbf{t}_2	${f T}$	${f T}$
(22)	\mathbf{f}	\mathbf{f}_2	${f T}$	${f F}$	\mathbf{t}_2	${f T}$	${f T}$	${f T}$
(23)	${f f}$	\mathbf{f}_2	${f T}$	${f F}$	${f T}$	\mathbf{t}_2	${f T}$	${f T}$
(24)	${f f}$	\mathbf{f}_2	${f T}$	${f F}$	${f T}$	${f T}$	${f T}$	${f T}$
(25)	${f f}$	\mathbf{t}_2	${f t}$	${f F}$	${f F}$	${f F}$	${f T}$	${f T}$
(26)	${f f}$	\mathbf{t}	${f T}$	${f F}$	${f F}$	\mathbf{t}_2	${f T}$	${f T}$
(27)	${f f}$	\mathbf{t}	${f T}$	${f F}$	${f F}$	${f T}$	${f T}$	${f T}$
(28)	${f f}$	${f t}$	${f t}$	${f F}$	${f F}$	${f F}$	${f T}$	${f T}$
(29)	${f f}$	${f T}$	${f T}$	${f F}$	\mathbf{t}_2	\mathbf{t}_2	${f T}$	${f T}$
(30)	${f f}$	${f T}$	${f T}$	${f F}$	\mathbf{t}_2	${f T}$	${f T}$	${f T}$
(31)	${f f}$	${f T}$	${f T}$	${f F}$	${f T}$	\mathbf{t}_2	${f T}$	${f T}$
(32)	${f f}$	${f T}$	${f T}$	${f F}$	${f T}$	${f T}$	${f T}$	${f T}$
(33)	\mathbf{f}_1	\mathbf{f}_1	\mathbf{t}_1	\mathbf{t}_1	\mathbf{t}_1	\mathbf{t}_1	\mathbf{t}_1	\mathbf{t}_1
(34)	\mathbf{f}_1	\mathbf{t}_1	\mathbf{t}_1	\mathbf{t}_1	\mathbf{t}_1	\mathbf{t}_1	\mathbf{t}_1	\mathbf{t}_1
(35)	\mathbf{f}_2	${f F}$	\mathbf{t}_2	\mathbf{t}_2	${f F}$	${f F}$	\mathbf{f}_2	${f T}$
(36)	\mathbf{f}_2	\mathbf{F}	\mathbf{t}_2	${f T}$	\mathbf{F}	\mathbf{F}	\mathbf{F}	\mathbf{T}
(37)	\mathbf{f}_2	f	\mathbf{t}	\mathbf{t}_2	\mathbf{F}	\mathbf{F}	\mathbf{f}_2	\mathbf{T}
(38)	\mathbf{f}_2	f	<u>t</u>	\mathbf{T}	\mathbf{F}	\mathbf{F}	\mathbf{F}	$\frac{\mathbf{T}}{\mathbf{T}}$
(39)	\mathbf{f}_2	\mathbf{f}_2	$\frac{\mathbf{T}}{\mathbf{T}}$	\mathbf{t}_2	\mathbf{t}_2	\mathbf{t}_2	$\frac{\mathbf{T}}{\mathbf{T}}$	$\frac{\mathbf{T}}{\mathbf{T}}$
(40)	\mathbf{f}_2	\mathbf{f}_2	$\frac{\mathbf{T}}{\mathbf{T}}$	\mathbf{t}_2	\mathbf{t}_2	\mathbf{T}	$\frac{\mathbf{T}}{\mathbf{T}}$	$\frac{\mathrm{T}}{\mathrm{T}}$
(41)	\mathbf{f}_2	\mathbf{f}_2	$\frac{\mathbf{T}}{\mathbf{T}}$	\mathbf{t}_2	$\frac{\mathbf{T}}{\mathbf{T}}$	\mathbf{t}_2	$\frac{\mathbf{T}}{\mathbf{T}}$	$\frac{\mathbf{T}}{\mathbf{T}}$
(42)	\mathbf{f}_2	\mathbf{f}_2	${f T}$	\mathbf{t}_2	\mathbf{T}	\mathbf{T}	\mathbf{T}	${f T}$
(43)	\mathbf{f}_2	\mathbf{f}_2	${f T}$	${f T}$	\mathbf{t}_2	\mathbf{t}_2	\mathbf{t}_2	\mathbf{T}
(44)	\mathbf{f}_2	\mathbf{f}_2	${f T}$	${f T}$	\mathbf{t}_2	\mathbf{T}	\mathbf{t}_2	\mathbf{t}_2
(45)	\mathbf{f}_2	\mathbf{f}_2	${f T}$	${f T}$	${f T}$	\mathbf{t}_2	${f T}$	${f T}$

Id	φ_0	φ_1	φ_2	φ_3	φ_4	φ_5	φ_6	φ_7
$\overline{(46)}$	\mathbf{f}_2	\mathbf{f}_2	\mathbf{T}	\mathbf{T}	\mathbf{T}	\mathbf{T}	\mathbf{T}	$\overline{\mathrm{T}}$
(47)	\mathbf{f}_2	\mathbf{t}_2	\mathbf{t}_2	\mathbf{t}_2	${f F}$	${f F}$	\mathbf{f}_2	${f T}$
(48)	\mathbf{f}_2	\mathbf{t}_2	\mathbf{t}_2	${f T}$	${f F}$	${f F}$	${f F}$	${f T}$
(49)	\mathbf{f}_2	${f t}$	${f t}$	\mathbf{t}_2	${f F}$	${f F}$	\mathbf{f}_2	${f T}$
(50)	\mathbf{f}_2	${f t}$	${f t}$	${f T}$	${f F}$	${f F}$	${f F}$	${f T}$
(51)	\mathbf{f}_2	${f T}$	${f T}$	\mathbf{t}_2	\mathbf{t}_2	\mathbf{t}_2	${f T}$	${f T}$
(52)	\mathbf{f}_2	${f T}$	${f T}$	\mathbf{t}_2	\mathbf{t}_2	${f T}$	${f T}$	${f T}$
(53)	\mathbf{f}_2	${f T}$	${f T}$	\mathbf{t}_2	${f T}$	\mathbf{t}_2	${f T}$	${f T}$
(54)	\mathbf{f}_2	${f T}$	${f T}$	\mathbf{t}_2	${f T}$	${f T}$	${f T}$	${f T}$
(55)	\mathbf{f}_2	${f T}$	${f T}$	${f T}$	\mathbf{t}_2	\mathbf{t}_2	\mathbf{t}_2	${f T}$
(56)	\mathbf{f}_2	${f T}$	${f T}$	${f T}$	\mathbf{t}_2	${f T}$	\mathbf{t}_2	\mathbf{t}_2
(57)	\mathbf{f}_2	${f T}$	${f T}$	${f T}$	${f T}$	\mathbf{t}_2	${f T}$	${f T}$
(58)	\mathbf{f}_2	${f T}$						
(59)	\mathbf{t}_2	${f F}$	\mathbf{f}_2	${f F}$	${f F}$	\mathbf{t}_2	${f T}$	${f T}$
(60)	\mathbf{t}_2	${f F}$	\mathbf{f}_2	${f F}$	${f F}$	${f T}$	${f T}$	${f T}$
(61)	\mathbf{t}_2	${f f}$	\mathbf{f}_2	${f F}$	${f F}$	\mathbf{t}_2	${f T}$	${f T}$
(62)	\mathbf{t}_2	${f f}$	\mathbf{f}_2	${f F}$	${f F}$	${f T}$	${f T}$	${f T}$
(63)	\mathbf{t}_2	\mathbf{f}_2	\mathbf{f}_2	${f F}$	\mathbf{t}_2	\mathbf{t}_2	${f T}$	${f T}$
(64)	\mathbf{t}_2	\mathbf{f}_2	\mathbf{f}_2	${f F}$	\mathbf{t}_2	${f T}$	${f T}$	${f T}$
(65)	\mathbf{t}_2	\mathbf{f}_2	\mathbf{f}_2	${f F}$	${f T}$	\mathbf{t}_2	${f T}$	${f T}$
(66)	\mathbf{t}_2	\mathbf{f}_2	\mathbf{f}_2	${f F}$	${f T}$	${f T}$	${f T}$	${f T}$
(67)	\mathbf{t}_2	\mathbf{t}_2	${f T}$	${f F}$	${f F}$	\mathbf{t}_2	${f T}$	${f T}$
(68)	\mathbf{t}_2	\mathbf{t}_2	${f T}$	${f F}$	${f F}$	${f T}$	${f T}$	${f T}$
(69)	\mathbf{t}_2	${f t}$	${f T}$	${f F}$	${f F}$	\mathbf{t}_2	${f T}$	${f T}$
(70)	\mathbf{t}_2	${f t}$	${f T}$	${f F}$	${f F}$	${f T}$	${f T}$	${f T}$
(71)	\mathbf{t}_2	${f T}$	${f T}$	${f F}$	\mathbf{t}_2	\mathbf{t}_2	${f T}$	${f T}$
(72)	\mathbf{t}_2	${f T}$	${f T}$	${f F}$	\mathbf{t}_2	${f T}$	${f T}$	${f T}$
(73)	\mathbf{t}_2	${f T}$	${f T}$	${f F}$	${f T}$	\mathbf{t}_2	${f T}$	${f T}$
(74)	\mathbf{t}_2	${f T}$	${f T}$	${f F}$	${f T}$	${f T}$	${f T}$	${f T}$
(75)	\mathbf{t}_1	\mathbf{f}_1	\mathbf{f}_1	\mathbf{t}_1	\mathbf{t}_1	\mathbf{t}_1	\mathbf{t}_1	\mathbf{t}_1

Id	φ_0	φ_1	$arphi_2$	φ_3	$arphi_4$	$arphi_5$	$arphi_6$	$arphi_7$
(76)	\mathbf{t}_1	\mathbf{t}_1	\mathbf{t}_1	\mathbf{t}_1	\mathbf{t}_1	\mathbf{t}_1	\mathbf{t}_1	\mathbf{t}_1
(77)	\mathbf{t}	${f F}$	${f T}$	${f T}$				
(78)	\mathbf{t}	${f f}$	${f T}$	${f T}$				
(79)	${f t}$	${f f}$	\mathbf{f}_2	${f F}$	${f F}$	\mathbf{t}_2	${f T}$	${f T}$
(80)	\mathbf{t}	${f f}$	\mathbf{f}_2	${f F}$	${f F}$	${f T}$	${f T}$	${f T}$
(81)	\mathbf{t}	\mathbf{f}_2	\mathbf{f}_2	${f F}$	\mathbf{t}_2	\mathbf{t}_2	${f T}$	${f T}$
(82)	\mathbf{t}	\mathbf{f}_2	\mathbf{f}_2	${f F}$	\mathbf{t}_2	${f T}$	${f T}$	${f T}$
(83)	\mathbf{t}	\mathbf{f}_2	\mathbf{f}_2	${f F}$	${f T}$	\mathbf{t}_2	${f T}$	${f T}$
(84)	\mathbf{t}	\mathbf{f}_2	\mathbf{f}_2	${f F}$	${f T}$	${f T}$	${f T}$	${f T}$
(85)	\mathbf{t}	\mathbf{t}_2	${f t}$	${f F}$	${f F}$	${f F}$	${f T}$	${f T}$
(86)	\mathbf{t}	\mathbf{t}	${f T}$	${f F}$	${f F}$	\mathbf{t}_2	${f T}$	${f T}$
(87)	${f t}$	\mathbf{t}	${f T}$	${f F}$	${f F}$	${f T}$	${f T}$	${f T}$
(88)	${f t}$	${f t}$	${f t}$	${f F}$	${f F}$	${f F}$	${f T}$	${f T}$
(89)	${f t}$	${f T}$	${f T}$	${f F}$	\mathbf{t}_2	\mathbf{t}_2	${f T}$	${f T}$
(90)	${f t}$	${f T}$	${f T}$	${f F}$	\mathbf{t}_2	${f T}$	${f T}$	${f T}$
(91)	${f t}$	${f T}$	${f T}$	${f F}$	${f T}$	\mathbf{t}_2	${f T}$	${f T}$
(92)	\mathbf{t}	${f T}$	${f T}$	${f F}$	${f T}$	${f T}$	${f T}$	${f T}$
(93)	${f T}$	${f F}$	${f F}$	\mathbf{t}_2	${f F}$	${f F}$	\mathbf{f}_2	${f T}$
(94)	${f T}$	${f F}$	${f F}$	${f T}$	${f F}$	${f F}$	${f F}$	${f T}$
(95)	${f T}$	${f f}$	${f f}$	\mathbf{t}_2	${f F}$	${f F}$	\mathbf{f}_2	${f T}$
(96)	${f T}$	${f f}$	${f f}$	${f T}$	${f F}$	${f F}$	${f F}$	${f T}$
(97)	${f T}$	\mathbf{f}_2	\mathbf{f}_2	\mathbf{t}_2	\mathbf{t}_2	\mathbf{t}_2	${f T}$	${f T}$
(98)	${f T}$	\mathbf{f}_2	\mathbf{f}_2	\mathbf{t}_2	\mathbf{t}_2	${f T}$	${f T}$	${f T}$
(99)	${f T}$	\mathbf{f}_2	\mathbf{f}_2	\mathbf{t}_2	${f T}$	\mathbf{t}_2	${f T}$	${f T}$
(100)	${f T}$	\mathbf{f}_2	\mathbf{f}_2	\mathbf{t}_2	${f T}$	${f T}$	${f T}$	${f T}$
(101)	\prod_{-}	\mathbf{f}_2	\mathbf{f}_2	\mathbf{T}	\mathbf{t}_2	\mathbf{t}_2	\mathbf{t}_2	${f T}$
(102)	\mathbf{T}	\mathbf{f}_2	\mathbf{f}_2	\mathbf{T}	\mathbf{t}_2	${f T}$	\mathbf{t}_2	\mathbf{t}_2
(103)	${f T}$	\mathbf{f}_2	\mathbf{f}_2	${f T}$	${f T}$	\mathbf{t}_2	${f T}$	${f T}$
(104)	\mathbf{T}	\mathbf{f}_2	\mathbf{f}_2	${f T}$	\mathbf{T}	$\operatorname*{\mathbf{T}}_{-}$	\mathbf{T}	\mathbf{T}
(105)	${f T}$	\mathbf{t}_2	\mathbf{t}_2	\mathbf{t}_2	${f F}$	${f F}$	\mathbf{f}_2	${f T}$

Id	φ_0	φ_1	φ_2	φ_3	$arphi_4$	$arphi_5$	φ_6	$arphi_7$
(106)	${f T}$	\mathbf{t}_2	\mathbf{t}_2	${f T}$	${f F}$	${f F}$	${f F}$	${f T}$
(107)	${f T}$	${f t}$	${f t}$	\mathbf{t}_2	${f F}$	${f F}$	\mathbf{f}_2	${f T}$
(108)	${f T}$	\mathbf{t}	${f t}$	${f T}$	${f F}$	${f F}$	${f F}$	${f T}$
(109)	${f T}$	${f T}$	${f T}$	\mathbf{t}_2	\mathbf{t}_2	\mathbf{t}_2	${f T}$	${f T}$
(110)	${f T}$	${f T}$	${f T}$	\mathbf{t}_2	\mathbf{t}_2	${f T}$	${f T}$	${f T}$
(111)	${f T}$	${f T}$	${f T}$	\mathbf{t}_2	${f T}$	\mathbf{t}_2	${f T}$	${f T}$
(112)	${f T}$	${f T}$	${f T}$	\mathbf{t}_2	${f T}$	${f T}$	${f T}$	${f T}$
(113)	${f T}$	${f T}$	${f T}$	${f T}$	\mathbf{t}_2	\mathbf{t}_2	\mathbf{t}_2	${f T}$
(114)	${f T}$	${f T}$	${f T}$	${f T}$	\mathbf{t}_2	${f T}$	\mathbf{t}_2	\mathbf{t}_2
(115)	${f T}$	${f T}$	${f T}$	${f T}$	${f T}$	\mathbf{t}_2	${f T}$	${f T}$
(116)	${f T}$	${f T}$	${f T}$	${f T}$	${f T}$	${f T}$	${f T}$	\mathbf{T}