

## Nmatrix (level 0) in K4

- $\mathcal{D} = \{4,5,6,7\}$

### Subformulas

- $(\varphi_0) p$
- $(\varphi_1) q$
- $(\varphi_2) (p \rightarrow q)$
- $(\varphi_3) \Box p$
- $(\varphi_4) \Box q$
- $(\varphi_5) \Box(p \rightarrow q)$
- $(\varphi_6) (\Box p \rightarrow \Box q)$
- $(\varphi_7) (\Box(p \rightarrow q) \rightarrow (\Box p \rightarrow \Box q))$

Id	$\varphi_0$	$\varphi_1$	$\varphi_2$	$\varphi_3$	$\varphi_4$	$\varphi_5$	$\varphi_6$	$\varphi_7$
(1)	0	0	7	0	0	7	7	7
(2)	0	1	7	0	3	7	7	7
(3)	0	1	7	0	1	7	7	7
(4)	0	1	7	0	0	7	7	7
(5)	0	3	7	0	7	7	7	7
(6)	0	4	7	0	0	7	7	7
(7)	0	6	7	0	3	7	7	7
(8)	0	6	7	0	1	7	7	7
(9)	0	6	7	0	0	7	7	7
(10)	0	7	7	0	7	7	7	7
(11)	1	0	6	3	0	3	4	4
(12)	1	0	6	3	0	1	4	6
(13)	1	0	6	3	0	0	4	7
(14)	1	0	6	1	0	3	6	6
(15)	1	0	6	1	0	1	6	7

Id	$\varphi_0$	$\varphi_1$	$\varphi_2$	$\varphi_3$	$\varphi_4$	$\varphi_5$	$\varphi_6$	$\varphi_7$
(16)	1	0	6	1	0	1	6	6
(17)	1	0	6	1	0	0	6	7
(18)	1	0	6	0	0	3	7	7
(19)	1	0	6	0	0	1	7	7
(20)	1	0	6	0	0	0	7	7
(21)	1	1	7	3	3	7	7	7
(22)	1	1	7	3	1	7	6	6
(23)	1	1	7	3	0	7	4	4
(24)	1	1	7	1	3	7	7	7
(25)	1	1	7	1	1	7	7	7
(26)	1	1	7	1	1	7	6	6
(27)	1	1	7	1	0	7	6	6
(28)	1	1	7	0	3	7	7	7
(29)	1	1	7	0	1	7	7	7
(30)	1	1	7	0	0	7	7	7
(31)	1	1	6	3	3	3	7	7
(32)	1	1	6	3	3	1	7	7
(33)	1	1	6	3	3	0	7	7
(34)	1	1	6	3	1	3	6	6
(35)	1	1	6	3	1	1	6	7
(36)	1	1	6	3	1	1	6	6
(37)	1	1	6	3	1	0	6	7
(38)	1	1	6	3	0	3	4	4
(39)	1	1	6	3	0	1	4	6
(40)	1	1	6	3	0	0	4	7
(41)	1	1	6	1	3	3	7	7
(42)	1	1	6	1	3	1	7	7
(43)	1	1	6	1	3	0	7	7
(44)	1	1	6	1	1	3	7	7
(45)	1	1	6	1	1	3	6	6

Id	$\varphi_0$	$\varphi_1$	$\varphi_2$	$\varphi_3$	$\varphi_4$	$\varphi_5$	$\varphi_6$	$\varphi_7$
(46)	1	1	6	1	1	1	7	7
(47)	1	1	6	1	1	1	6	7
(48)	1	1	6	1	1	1	6	6
(49)	1	1	6	1	1	0	7	7
(50)	1	1	6	1	1	0	6	7
(51)	1	1	6	1	0	3	6	6
(52)	1	1	6	1	0	1	6	7
(53)	1	1	6	1	0	1	6	6
(54)	1	1	6	1	0	0	6	7
(55)	1	1	6	0	3	3	7	7
(56)	1	1	6	0	3	1	7	7
(57)	1	1	6	0	3	0	7	7
(58)	1	1	6	0	1	3	7	7
(59)	1	1	6	0	1	1	7	7
(60)	1	1	6	0	1	0	7	7
(61)	1	1	6	0	0	3	7	7
(62)	1	1	6	0	0	1	7	7
(63)	1	1	6	0	0	0	7	7
(64)	1	3	7	3	7	7	7	7
(65)	1	3	7	1	7	7	7	7
(66)	1	3	7	0	7	7	7	7
(67)	1	4	6	3	0	3	4	4
(68)	1	4	6	3	0	1	4	6
(69)	1	4	6	3	0	0	4	7
(70)	1	4	6	1	0	3	6	6
(71)	1	4	6	1	0	1	6	7
(72)	1	4	6	1	0	1	6	6
(73)	1	4	6	1	0	0	6	7
(74)	1	4	6	0	0	3	7	7
(75)	1	4	6	0	0	1	7	7

Id	$\varphi_0$	$\varphi_1$	$\varphi_2$	$\varphi_3$	$\varphi_4$	$\varphi_5$	$\varphi_6$	$\varphi_7$
(76)	1	4	6	0	0	0	7	7
(77)	1	6	7	3	3	7	7	7
(78)	1	6	7	3	1	7	6	6
(79)	1	6	7	3	0	7	4	4
(80)	1	6	7	1	3	7	7	7
(81)	1	6	7	1	1	7	7	7
(82)	1	6	7	1	1	7	6	6
(83)	1	6	7	1	0	7	6	6
(84)	1	6	7	0	3	7	7	7
(85)	1	6	7	0	1	7	7	7
(86)	1	6	7	0	0	7	7	7
(87)	1	6	6	3	3	3	7	7
(88)	1	6	6	3	3	1	7	7
(89)	1	6	6	3	3	0	7	7
(90)	1	6	6	3	1	3	6	6
(91)	1	6	6	3	1	1	6	7
(92)	1	6	6	3	1	1	6	6
(93)	1	6	6	3	1	0	6	7
(94)	1	6	6	3	0	3	4	4
(95)	1	6	6	3	0	1	4	6
(96)	1	6	6	3	0	0	4	7
(97)	1	6	6	1	3	3	7	7
(98)	1	6	6	1	3	1	7	7
(99)	1	6	6	1	3	0	7	7
(100)	1	6	6	1	1	3	7	7
(101)	1	6	6	1	1	3	6	6
(102)	1	6	6	1	1	1	7	7
(103)	1	6	6	1	1	1	6	7
(104)	1	6	6	1	1	1	6	6
(105)	1	6	6	1	1	0	7	7

Id	$\varphi_0$	$\varphi_1$	$\varphi_2$	$\varphi_3$	$\varphi_4$	$\varphi_5$	$\varphi_6$	$\varphi_7$
(106)	1	6	6	1	1	0	6	7
(107)	1	6	6	1	0	3	6	6
(108)	1	6	6	1	0	1	6	7
(109)	1	6	6	1	0	1	6	6
(110)	1	6	6	1	0	0	6	7
(111)	1	6	6	0	3	3	7	7
(112)	1	6	6	0	3	1	7	7
(113)	1	6	6	0	3	0	7	7
(114)	1	6	6	0	1	3	7	7
(115)	1	6	6	0	1	1	7	7
(116)	1	6	6	0	1	0	7	7
(117)	1	6	6	0	0	3	7	7
(118)	1	6	6	0	0	1	7	7
(119)	1	6	6	0	0	0	7	7
(120)	1	7	7	3	7	7	7	7
(121)	1	7	7	1	7	7	7	7
(122)	1	7	7	0	7	7	7	7
(123)	2	2	5	5	5	5	5	5
(124)	2	5	5	5	5	5	5	5
(125)	3	0	4	7	0	0	0	7
(126)	3	1	6	7	3	3	3	7
(127)	3	1	6	7	3	1	3	7
(128)	3	1	6	7	3	0	3	7
(129)	3	1	6	7	1	3	1	6
(130)	3	1	6	7	1	1	1	7
(131)	3	1	6	7	1	1	1	6
(132)	3	1	6	7	1	0	1	7
(133)	3	1	6	7	0	3	0	4
(134)	3	1	6	7	0	1	0	6
(135)	3	1	6	7	0	0	0	7

Id	$\varphi_0$	$\varphi_1$	$\varphi_2$	$\varphi_3$	$\varphi_4$	$\varphi_5$	$\varphi_6$	$\varphi_7$
(136)	3	3	7	7	7	7	7	7
(137)	3	4	4	7	0	0	0	7
(138)	3	6	6	7	3	3	3	7
(139)	3	6	6	7	3	1	3	7
(140)	3	6	6	7	3	0	3	7
(141)	3	6	6	7	1	3	1	6
(142)	3	6	6	7	1	1	1	7
(143)	3	6	6	7	1	1	1	6
(144)	3	6	6	7	1	0	1	7
(145)	3	6	6	7	0	3	0	4
(146)	3	6	6	7	0	1	0	6
(147)	3	6	6	7	0	0	0	7
(148)	3	7	7	7	7	7	7	7
(149)	4	0	3	0	0	7	7	7
(150)	4	1	3	0	3	7	7	7
(151)	4	1	3	0	1	7	7	7
(152)	4	1	3	0	0	7	7	7
(153)	4	3	3	0	7	7	7	7
(154)	4	4	7	0	0	7	7	7
(155)	4	6	7	0	3	7	7	7
(156)	4	6	7	0	1	7	7	7
(157)	4	6	7	0	0	7	7	7
(158)	4	7	7	0	7	7	7	7
(159)	5	2	2	5	5	5	5	5
(160)	5	5	5	5	5	5	5	5
(161)	6	0	1	3	0	3	4	4
(162)	6	0	1	3	0	1	4	6
(163)	6	0	1	3	0	0	4	7
(164)	6	0	1	1	0	3	6	6
(165)	6	0	1	1	0	1	6	7

Id	$\varphi_0$	$\varphi_1$	$\varphi_2$	$\varphi_3$	$\varphi_4$	$\varphi_5$	$\varphi_6$	$\varphi_7$
(166)	6	0	1	1	0	1	6	6
(167)	6	0	1	1	0	0	6	7
(168)	6	0	1	0	0	3	7	7
(169)	6	0	1	0	0	1	7	7
(170)	6	0	1	0	0	0	7	7
(171)	6	1	1	3	3	3	7	7
(172)	6	1	1	3	3	1	7	7
(173)	6	1	1	3	3	0	7	7
(174)	6	1	1	3	1	3	6	6
(175)	6	1	1	3	1	1	6	7
(176)	6	1	1	3	1	1	6	6
(177)	6	1	1	3	1	0	6	7
(178)	6	1	1	3	0	3	4	4
(179)	6	1	1	3	0	1	4	6
(180)	6	1	1	3	0	0	4	7
(181)	6	1	1	1	3	3	7	7
(182)	6	1	1	1	3	1	7	7
(183)	6	1	1	1	3	0	7	7
(184)	6	1	1	1	1	3	7	7
(185)	6	1	1	1	1	3	6	6
(186)	6	1	1	1	1	1	7	7
(187)	6	1	1	1	1	1	6	7
(188)	6	1	1	1	1	1	6	6
(189)	6	1	1	1	1	0	7	7
(190)	6	1	1	1	1	0	6	7
(191)	6	1	1	1	0	3	6	6
(192)	6	1	1	1	0	1	6	7
(193)	6	1	1	1	0	1	6	6
(194)	6	1	1	1	0	0	6	7
(195)	6	1	1	0	3	3	7	7

Id	$\varphi_0$	$\varphi_1$	$\varphi_2$	$\varphi_3$	$\varphi_4$	$\varphi_5$	$\varphi_6$	$\varphi_7$
(196)	6	1	1	0	3	1	7	7
(197)	6	1	1	0	3	0	7	7
(198)	6	1	1	0	1	3	7	7
(199)	6	1	1	0	1	1	7	7
(200)	6	1	1	0	1	0	7	7
(201)	6	1	1	0	0	3	7	7
(202)	6	1	1	0	0	1	7	7
(203)	6	1	1	0	0	0	7	7
(204)	6	1	3	3	3	7	7	7
(205)	6	1	3	3	1	7	6	6
(206)	6	1	3	3	0	7	4	4
(207)	6	1	3	1	3	7	7	7
(208)	6	1	3	1	1	7	7	7
(209)	6	1	3	1	1	7	6	6
(210)	6	1	3	1	0	7	6	6
(211)	6	1	3	0	3	7	7	7
(212)	6	1	3	0	1	7	7	7
(213)	6	1	3	0	0	7	7	7
(214)	6	3	3	3	7	7	7	7
(215)	6	3	3	1	7	7	7	7
(216)	6	3	3	0	7	7	7	7
(217)	6	4	6	3	0	3	4	4
(218)	6	4	6	3	0	1	4	6
(219)	6	4	6	3	0	0	4	7
(220)	6	4	6	1	0	3	6	6
(221)	6	4	6	1	0	1	6	7
(222)	6	4	6	1	0	1	6	6
(223)	6	4	6	1	0	0	6	7
(224)	6	4	6	0	0	3	7	7
(225)	6	4	6	0	0	1	7	7



Id	$\varphi_0$	$\varphi_1$	$\varphi_2$	$\varphi_3$	$\varphi_4$	$\varphi_5$	$\varphi_6$	$\varphi_7$
(226)	6	4	6	0	0	0	7	7
(227)	6	6	7	3	3	7	7	7
(228)	6	6	7	3	1	7	6	6
(229)	6	6	7	3	0	7	4	4
(230)	6	6	7	1	3	7	7	7
(231)	6	6	7	1	1	7	7	7
(232)	6	6	7	1	1	7	6	6
(233)	6	6	7	1	0	7	6	6
(234)	6	6	7	0	3	7	7	7
(235)	6	6	7	0	1	7	7	7
(236)	6	6	7	0	0	7	7	7
(237)	6	6	6	3	3	3	7	7
(238)	6	6	6	3	3	1	7	7
(239)	6	6	6	3	3	0	7	7
(240)	6	6	6	3	1	3	6	6
(241)	6	6	6	3	1	1	6	7
(242)	6	6	6	3	1	1	6	6
(243)	6	6	6	3	1	0	6	7
(244)	6	6	6	3	0	3	4	4
(245)	6	6	6	3	0	1	4	6
(246)	6	6	6	3	0	0	4	7
(247)	6	6	6	1	3	3	7	7
(248)	6	6	6	1	3	1	7	7
(249)	6	6	6	1	3	0	7	7
(250)	6	6	6	1	1	3	7	7
(251)	6	6	6	1	1	3	6	6
(252)	6	6	6	1	1	1	7	7
(253)	6	6	6	1	1	1	6	7
(254)	6	6	6	1	1	1	6	6
(255)	6	6	6	1	1	0	7	7

Id	$\varphi_0$	$\varphi_1$	$\varphi_2$	$\varphi_3$	$\varphi_4$	$\varphi_5$	$\varphi_6$	$\varphi_7$
(256)	6	6	6	1	1	0	6	7
(257)	6	6	6	1	0	3	6	6
(258)	6	6	6	1	0	1	6	7
(259)	6	6	6	1	0	1	6	6
(260)	6	6	6	1	0	0	6	7
(261)	6	6	6	0	3	3	7	7
(262)	6	6	6	0	3	1	7	7
(263)	6	6	6	0	3	0	7	7
(264)	6	6	6	0	1	3	7	7
(265)	6	6	6	0	1	1	7	7
(266)	6	6	6	0	1	0	7	7
(267)	6	6	6	0	0	3	7	7
(268)	6	6	6	0	0	1	7	7
(269)	6	6	6	0	0	0	7	7
(270)	6	7	7	3	7	7	7	7
(271)	6	7	7	1	7	7	7	7
(272)	6	7	7	0	7	7	7	7
(273)	7	0	0	7	0	0	0	7
(274)	7	1	1	7	3	3	3	7
(275)	7	1	1	7	3	1	3	7
(276)	7	1	1	7	3	0	3	7
(277)	7	1	1	7	1	3	1	6
(278)	7	1	1	7	1	1	1	7
(279)	7	1	1	7	1	1	1	6
(280)	7	1	1	7	1	0	1	7
(281)	7	1	1	7	0	3	0	4
(282)	7	1	1	7	0	1	0	6
(283)	7	1	1	7	0	0	0	7
(284)	7	3	3	7	7	7	7	7
(285)	7	4	4	7	0	0	0	7

Id	$\varphi_0$	$\varphi_1$	$\varphi_2$	$\varphi_3$	$\varphi_4$	$\varphi_5$	$\varphi_6$	$\varphi_7$
(286)	7	6	6	7	3	3	3	7
(287)	7	6	6	7	3	1	3	7
(288)	7	6	6	7	3	0	3	7
(289)	7	6	6	7	1	3	1	6
(290)	7	6	6	7	1	1	1	7
(291)	7	6	6	7	1	1	1	6
(292)	7	6	6	7	1	0	1	7
(293)	7	6	6	7	0	3	0	4
(294)	7	6	6	7	0	1	0	6
(295)	7	6	6	7	0	0	0	7
(296)	7	7	7	7	7	7	7	7