## Nmatrix (level 0) in KD4

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

## Subformulas

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

Id	$\varphi_0$	$\varphi_1$	$arphi_2$	$\varphi_3$	$\varphi_4$	$arphi_5$	$\varphi_6$	$arphi_7$
$\overline{(1)}$	$\mathbf{F}$	$\mathbf{F}$	$\mathbf{T}$	$\mathbf{F}$	$\mathbf{F}$	${f T}$	${f T}$	${f T}$
(2)	${f F}$	${f f}$	${f T}$	${f F}$	$\mathbf{f}_2$	${f T}$	${f T}$	${f T}$
(3)	${f F}$	${f f}$	${f T}$	${f F}$	${f f}$	${f T}$	${f T}$	${f T}$
(4)	${f F}$	${f f}$	${f T}$	${f F}$	${f F}$	${f T}$	${f T}$	${f T}$
(5)	${f F}$	$\mathbf{f}_2$	${f T}$	${f F}$	${f T}$	${f T}$	${f T}$	${f T}$
(6)	${f F}$	$\mathbf{t}_2$	${f T}$	${f F}$	${f F}$	${f T}$	${f T}$	${f T}$
(7)	${f F}$	$\mathbf{t}$	${f T}$	${f F}$	$\mathbf{f}_2$	${f T}$	${f T}$	${f T}$
(8)	${f F}$	${f t}$	${f T}$	${f F}$	${f f}$	${f T}$	${f T}$	${f T}$
(9)	${f F}$	${f t}$	${f T}$	${f F}$	${f F}$	${f T}$	${f T}$	${f T}$
(10)	${f F}$	${f T}$	${f T}$	${f F}$	${f T}$	${f T}$	${f T}$	${f T}$
(11)	${f f}$	${f F}$	${f t}$	$\mathbf{f}_2$	${f F}$	$\mathbf{f}_2$	$\mathbf{t}_2$	$\mathbf{t}_2$
(12)	${f f}$	${f F}$	${f t}$	$\mathbf{f}_2$	${f F}$	${f f}$	$\mathbf{t}_2$	${f t}$
(13)	${f f}$	${f F}$	${f t}$	$\mathbf{f}_2$	${f F}$	${f F}$	$\mathbf{t}_2$	${f T}$
(14)	${f f}$	${f F}$	${f t}$	${f f}$	${f F}$	$\mathbf{f}_2$	${f t}$	${f t}$
(15)	${f f}$	${f F}$	${f t}$	${f f}$	${f F}$	${f f}$	${f t}$	${f T}$

Id	$arphi_0$	$\varphi_1$	$arphi_2$	$\varphi_3$	$\varphi_4$	$arphi_5$	$\varphi_6$	$arphi_7$
$\overline{(16)}$	f	$\mathbf{F}$	t	$\mathbf{f}$	$\mathbf{F}$	$\mathbf{f}$	t	$\mathbf{t}$
(17)	${f f}$	${f F}$	$\mathbf{t}$	${f f}$	${f F}$	${f F}$	$\mathbf{t}$	${f T}$
(18)	${f f}$	${f F}$	$\mathbf{t}$	${f F}$	${f F}$	$\mathbf{f}_2$	${f T}$	${f T}$
(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)	${f f}$	${f f}$	${f T}$	$\mathbf{f}_2$	$\mathbf{f}_2$	${f T}$	${f T}$	${f T}$
(22)	${f f}$	${f f}$	${f T}$	$\mathbf{f}_2$	${f f}$	${f T}$	$\mathbf{t}$	$\mathbf{t}$
(23)	${f f}$	${f f}$	${f T}$	$\mathbf{f}_2$	${f F}$	${f T}$	$\mathbf{t}_2$	$\mathbf{t}_2$
(24)	${f f}$	${f f}$	${f T}$	${f f}$	$\mathbf{f}_2$	${f T}$	${f T}$	${f T}$
(25)	${f f}$	${f f}$	${f T}$	${f f}$	${f f}$	${f T}$	${f T}$	${f T}$
(26)	${f f}$	${f f}$	${f T}$	${f f}$	${f f}$	${f T}$	$\mathbf{t}$	$\mathbf{t}$
(27)	${f f}$	${f f}$	${f T}$	${f f}$	${f F}$	${f T}$	$\mathbf{t}$	$\mathbf{t}$
(28)	$\mathbf{f}$	${f f}$	${f T}$	${f F}$	$\mathbf{f}_2$	${f T}$	${f T}$	${f T}$
(29)	${f f}$	${f f}$	${f T}$	${f F}$	${f f}$	${f T}$	${f T}$	${f T}$
(30)	${f f}$	${f f}$	${f T}$	${f F}$	${f F}$	${f T}$	${f T}$	${f T}$
(31)	${f f}$	${f f}$	${f t}$	$\mathbf{f}_2$	$\mathbf{f}_2$	$\mathbf{f}_2$	${f T}$	${f T}$
(32)	${f f}$	${f f}$	${f t}$	$\mathbf{f}_2$	$\mathbf{f}_2$	${f f}$	${f T}$	${f T}$
(33)	${f f}$	${f f}$	${f t}$	$\mathbf{f}_2$	$\mathbf{f}_2$	${f F}$	${f T}$	${f T}$
(34)	${f f}$	${f f}$	${f t}$	$\mathbf{f}_2$	${f f}$	$\mathbf{f}_2$	${f t}$	${f t}$
(35)	${f f}$	${f f}$	${f t}$	$\mathbf{f}_2$	${f f}$	${f f}$	${f t}$	${f T}$
(36)	${f f}$	${f f}$	${f t}$	$\mathbf{f}_2$	${f f}$	${f f}$	$\mathbf{t}$	${f t}$
(37)	${f f}$	${f f}$	${f t}$	$\mathbf{f}_2$	${f f}$	${f F}$	${f t}$	${f T}$
(38)	${f f}$	${f f}$	${f t}$	$\mathbf{f}_2$	${f F}$	$\mathbf{f}_2$	$\mathbf{t}_2$	$\mathbf{t}_2$
(39)	${f f}$	${f f}$	${f t}$	$\mathbf{f}_2$	${f F}$	${f f}$	$\mathbf{t}_2$	${f t}$
(40)	f	${f f}$	${f t}$	$\mathbf{f}_2$	${f F}$	${f F}$	$\mathbf{t}_2$	${f T}$
(41)	f	${f f}$	${f t}$	${f f}$	$\mathbf{f}_2$	$\mathbf{f}_2$	${f T}$	${f T}$
(42)	${f f}$	${f f}$	${f t}$	${f f}$	$\mathbf{f}_2$	${f f}$	${f T}$	${f T}$
(43)	${f f}$	${f f}$	${f t}$	${f f}$	$\mathbf{f}_2$	${f F}$	${f T}$	${f T}$
(44)	${f f}$	${f f}$	${f t}$	${f f}$	${f f}$	$\mathbf{f}_2$	${f T}$	${f T}$
(45)	${f f}$	${f f}$	$\mathbf{t}$	${f f}$	${f f}$	$\mathbf{f}_2$	$\mathbf{t}$	${f t}$

Id	$\varphi_0$	$\varphi_1$	$\varphi_2$	$\varphi_3$	$\varphi_4$	$arphi_5$	$\varphi_6$	$\varphi_7$
$\overline{(46)}$	f	f	$\mathbf{t}$	f	$\mathbf{f}$	$\mathbf{f}$	$\mathbf{T}$	${f T}$
(47)	${f f}$	${f f}$	${f t}$	${f f}$	${f f}$	${f f}$	${f t}$	${f T}$
(48)	${f f}$	${f f}$	${f t}$	${f f}$	${f f}$	${f f}$	${f t}$	${f t}$
(49)	$\mathbf{f}$	${f f}$	$\mathbf{t}$	${f f}$	${f f}$	${f F}$	${f T}$	${f T}$
(50)	$\mathbf{f}$	${f f}$	$\mathbf{t}$	${f f}$	${f f}$	${f F}$	$\mathbf{t}$	${f T}$
(51)	${f f}$	${f f}$	$\mathbf{t}$	${f f}$	${f F}$	$\mathbf{f}_2$	$\mathbf{t}$	$\mathbf{t}$
(52)	${f f}$	${f f}$	$\mathbf{t}$	${f f}$	${f F}$	${f f}$	$\mathbf{t}$	${f T}$
(53)	${f f}$	${f f}$	$\mathbf{t}$	${f f}$	${f F}$	${f f}$	$\mathbf{t}$	$\mathbf{t}$
(54)	${f f}$	${f f}$	$\mathbf{t}$	${f f}$	${f F}$	${f F}$	$\mathbf{t}$	${f T}$
(55)	${f f}$	${f f}$	$\mathbf{t}$	${f F}$	$\mathbf{f}_2$	$\mathbf{f}_2$	${f T}$	${f T}$
(56)	${f f}$	${f f}$	${f t}$	${f F}$	$\mathbf{f}_2$	${f f}$	${f T}$	${f T}$
(57)	${f f}$	${f f}$	${f t}$	${f F}$	$\mathbf{f}_2$	${f F}$	${f T}$	${f T}$
(58)	${f f}$	${f f}$	${f t}$	${f F}$	${f f}$	$\mathbf{f}_2$	${f T}$	${f T}$
(59)	${f f}$	${f f}$	${f t}$	${f F}$	${f f}$	${f f}$	${f T}$	${f T}$
(60)	${f f}$	${f f}$	${f t}$	${f F}$	${f f}$	${f F}$	${f T}$	${f T}$
(61)	${f f}$	${f f}$	${f t}$	${f F}$	${f F}$	$\mathbf{f}_2$	${f T}$	${f T}$
(62)	${f f}$	${f f}$	${f t}$	${f F}$	${f F}$	${f f}$	${f T}$	${f T}$
(63)	${f f}$	${f f}$	${f t}$	${f F}$	${f F}$	${f F}$	${f T}$	${f T}$
(64)	${f f}$	$\mathbf{f}_2$	${f T}$	$\mathbf{f}_2$	${f T}$	${f T}$	${f T}$	${f T}$
(65)	${f f}$	$\mathbf{f}_2$	${f T}$	${f f}$	${f T}$	${f T}$	${f T}$	${f T}$
(66)	${f f}$	$\mathbf{f}_2$	${f T}$	${f F}$	${f T}$	${f T}$	${f T}$	${f T}$
(67)	${f f}$	$\mathbf{t}_2$	${f t}$	$\mathbf{f}_2$	${f F}$	$\mathbf{f}_2$	$\mathbf{t}_2$	$\mathbf{t}_2$
(68)	${f f}$	$\mathbf{t}_2$	${f t}$	$\mathbf{f}_2$	${f F}$	${f f}$	$\mathbf{t}_2$	${f t}$
(69)	${f f}$	$\mathbf{t}_2$	${f t}$	$\mathbf{f}_2$	${f F}$	${f F}$	$\mathbf{t}_2$	${f T}$
(70)	${f f}$	$\mathbf{t}_2$	${f t}$	${f f}$	${f F}$	$\mathbf{f}_2$	${f t}$	${f t}$
(71)	${f f}$	$\mathbf{t}_2$	${f t}$	${f f}$	${f F}$	${f f}$	${f t}$	${f T}$
(72)	${f f}$	$\mathbf{t}_2$	${f t}$	${f f}$	${f F}$	${f f}$	${f t}$	${f t}$
(73)	${f f}$	$\mathbf{t}_2$	${f t}$	${f f}$	${f F}$	${f F}$	${f t}$	${f T}$
(74)	${f f}$	$\mathbf{t}_2$	${f t}$	${f F}$	${f F}$	$\mathbf{f}_2$	${f T}$	${f T}$
(75)	${f f}$	$\mathbf{t}_2$	${f t}$	${f F}$	${f F}$	${f f}$	${f T}$	${f T}$

Id	$\varphi_0$	$\varphi_1$	$arphi_2$	$\varphi_3$	$\varphi_4$	$arphi_5$	$\varphi_6$	$\varphi_7$
(76)	$\mathbf{f}$	$\mathbf{t}_2$	$\mathbf{t}$	$\mathbf{F}$	$\mathbf{F}$	$\mathbf{F}$	${f T}$	$\overline{\mathbf{T}}$
$(\gamma\gamma)$	${f f}$	$f{t}$	${f T}$	$\mathbf{f}_2$	$\mathbf{f}_2$	${f T}$	${f T}$	${f T}$
(78)	${f f}$	$\mathbf{t}$	${f T}$	$\mathbf{f}_2$	${f f}$	${f T}$	$\mathbf{t}$	$\mathbf{t}$
(79)	${f f}$	${f t}$	${f T}$	$\mathbf{f}_2$	${f F}$	${f T}$	$\mathbf{t}_2$	$\mathbf{t}_2$
(80)	${f f}$	${f t}$	${f T}$	${f f}$	$\mathbf{f}_2$	${f T}$	${f T}$	${f T}$
(81)	${f f}$	$\mathbf{t}$	${f T}$	${f f}$	${f f}$	${f T}$	${f T}$	${f T}$
(82)	${f f}$	$\mathbf{t}$	${f T}$	${f f}$	${f f}$	${f T}$	$\mathbf{t}$	$\mathbf{t}$
(83)	${f f}$	$\mathbf{t}$	${f T}$	${f f}$	${f F}$	${f T}$	$\mathbf{t}$	$\mathbf{t}$
(84)	${f f}$	$\mathbf{t}$	${f T}$	${f F}$	$\mathbf{f}_2$	${f T}$	${f T}$	${f T}$
(85)	${f f}$	$\mathbf{t}$	${f T}$	${f F}$	${f f}$	${f T}$	${f T}$	${f T}$
(86)	${f f}$	${f t}$	${f T}$	${f F}$	${f F}$	${f T}$	${f T}$	${f T}$
(87)	${f f}$	${f t}$	${f t}$	$\mathbf{f}_2$	$\mathbf{f}_2$	$\mathbf{f}_2$	${f T}$	${f T}$
(88)	${f f}$	${f t}$	${f t}$	$\mathbf{f}_2$	$\mathbf{f}_2$	${f f}$	${f T}$	${f T}$
(89)	${f f}$	${f t}$	${f t}$	$\mathbf{f}_2$	$\mathbf{f}_2$	${f F}$	${f T}$	${f T}$
(90)	${f f}$	${f t}$	${f t}$	$\mathbf{f}_2$	${f f}$	$\mathbf{f}_2$	${f t}$	${f t}$
(91)	${f f}$	${f t}$	${f t}$	$\mathbf{f}_2$	${f f}$	${f f}$	$\mathbf{t}$	${f T}$
(92)	${f f}$	${f t}$	$\mathbf{t}$	$\mathbf{f}_2$	${f f}$	${f f}$	$\mathbf{t}$	$\mathbf{t}$
(93)	${f f}$	${f t}$	$\mathbf{t}$	$\mathbf{f}_2$	${f f}$	${f F}$	$\mathbf{t}$	${f T}$
(94)	$\mathbf{f}$	${f t}$	${f t}$	$\mathbf{f}_2$	${f F}$	$\mathbf{f}_2$	$\mathbf{t}_2$	$\mathbf{t}_2$
(95)	$\mathbf{f}$	${f t}$	$\mathbf{t}$	$\mathbf{f}_2$	${f F}$	$\mathbf{f}$	$\mathbf{t}_2$	$\mathbf{t}$
(96)	$\mathbf{f}$	${f t}$	$\mathbf{t}$	$\mathbf{f}_2$	$\mathbf{F}$	$\mathbf{F}$	$\mathbf{t}_2$	$\mathbf{T}$
(97)	$\mathbf{f}$	${f t}$	$\mathbf{t}$	f	$\mathbf{f}_2$	$\mathbf{f}_2$	$\mathbf{T}$	$\mathbf{T}$
(98)	f	$\mathbf{t}$	$\mathbf{t}$	f	$\mathbf{f}_2$	<u>f</u>	$\frac{\mathbf{T}}{-}$	$\frac{\mathbf{T}}{\mathbf{T}}$
(99)	f	t	t	f	$\mathbf{f}_2$	$\mathbf{F}$	${f T}$	$\frac{\mathrm{T}}{\mathrm{T}}$
(100)	f	t	t	f	f	$\mathbf{f}_2$	$\mathbf{T}$	$\mathbf{T}$
(101)	f	t	t	f	f	$\mathbf{f}_2$	t	t
(102)	f	t	t	f	f	f	$\mathbf{T}$	${f T}$
(103)	f	t	t	f	f	f	t	$\mathbf{T}$
(104)	f	t	t	f	f	f	t	$\frac{\mathbf{t}}{\mathbf{r}}$
(105)	$\mathbf{f}$	$\mathbf{t}$	$\mathbf{t}$	$\mathbf{f}$	${f f}$	${f F}$	${f T}$	${f T}$

Id	$\varphi_0$	$arphi_1$	$arphi_2$	$\varphi_3$	$\varphi_4$	$arphi_5$	$\varphi_6$	$\varphi_7$
(106)	$\mathbf{f}$	t	$\mathbf{t}$	$\mathbf{f}$	$\mathbf{f}$	${f F}$	t	$\mathbf{T}$
(107)	${f f}$	$\mathbf{t}$	${f t}$	${f f}$	${f F}$	$\mathbf{f}_2$	$\mathbf{t}$	${f t}$
(108)	${f f}$	$\mathbf{t}$	${f t}$	${f f}$	${f F}$	${f f}$	${f t}$	${f T}$
(109)	${f f}$	${f t}$	${f t}$	${f f}$	${f F}$	${f f}$	${f t}$	${f t}$
(110)	${f f}$	$\mathbf{t}$	$\mathbf{t}$	${f f}$	${f F}$	${f F}$	$\mathbf{t}$	${f T}$
(111)	${f f}$	$\mathbf{t}$	$\mathbf{t}$	${f F}$	$\mathbf{f}_2$	$\mathbf{f}_2$	${f T}$	${f T}$
(112)	${f f}$	$\mathbf{t}$	$\mathbf{t}$	${f F}$	$\mathbf{f}_2$	${f f}$	${f T}$	${f T}$
(113)	${f f}$	$\mathbf{t}$	$\mathbf{t}$	${f F}$	$\mathbf{f}_2$	${f F}$	${f T}$	${f T}$
(114)	${f f}$	$\mathbf{t}$	$\mathbf{t}$	${f F}$	${f f}$	$\mathbf{f}_2$	${f T}$	${f T}$
(115)	${f f}$	$\mathbf{t}$	$\mathbf{t}$	${f F}$	${f f}$	${f f}$	${f T}$	${f T}$
(116)	${f f}$	$\mathbf{t}$	$\mathbf{t}$	${f F}$	${f f}$	${f F}$	${f T}$	${f T}$
(117)	${f f}$	$\mathbf{t}$	$\mathbf{t}$	${f F}$	${f F}$	$\mathbf{f}_2$	${f T}$	${f T}$
(118)	${f f}$	$\mathbf{t}$	$\mathbf{t}$	${f F}$	${f F}$	${f f}$	${f T}$	${f T}$
(119)	${f f}$	$\mathbf{t}$	$\mathbf{t}$	${f F}$	${f F}$	${f F}$	${f T}$	${f T}$
(120)	${f f}$	${f T}$	${f T}$	$\mathbf{f}_2$	${f T}$	${f T}$	${f T}$	${f T}$
(121)	${f f}$	${f T}$	${f T}$	${f f}$	${f T}$	${f T}$	${f T}$	${f T}$
(122)	${f f}$	${f T}$	${f T}$	${f F}$	${f T}$	${f T}$	${f T}$	${f T}$
(123)	$\mathbf{f}_2$	${f F}$	$\mathbf{t}_2$	${f T}$	${f F}$	${f F}$	${f F}$	${f T}$
(124)	$\mathbf{f}_2$	$\mathbf{f}$	${f t}$	${f T}$	$\mathbf{f}_2$	$\mathbf{f}_2$	$\mathbf{f}_2$	${f T}$
(125)	$\mathbf{f}_2$	${f f}$	${f t}$	${f T}$	$\mathbf{f}_2$	${f f}$	$\mathbf{f}_2$	${f T}$
(126)	$\mathbf{f}_2$	${f f}$	${f t}$	${f T}$	$\mathbf{f}_2$	${f F}$	$\mathbf{f}_2$	${f T}$
(127)	$\mathbf{f}_2$	${f f}$	${f t}$	${f T}$	${f f}$	$\mathbf{f}_2$	${f f}$	${f t}$
(128)	$\mathbf{f}_2$	${f f}$	${f t}$	${f T}$	${f f}$	${f f}$	${f f}$	${f T}$
(129)	$\mathbf{f}_2$	${f f}$	${f t}$	${f T}$	${f f}$	${f f}$	${f f}$	${f t}$
(130)	$\mathbf{f}_2$	$\mathbf{f}$	${f t}$	${f T}$	${f f}$	${f F}$	${f f}$	${f T}$
(131)	$\mathbf{f}_2$	${f f}$	$\mathbf{t}$	${f T}$	${f F}$	$\mathbf{f}_2$	${f F}$	$\mathbf{t}_2$
(132)	$\mathbf{f}_2$	${f f}$	${f t}$	${f T}$	${f F}$	${f f}$	${f F}$	${f t}$
(133)	$\mathbf{f}_2$	${f f}$	$\mathbf{t}$	${f T}$	${f F}$	${f F}$	${f F}$	${f T}$
(134)	$\mathbf{f}_2$	$\mathbf{f}_2$	${f T}$					
(135)	$\mathbf{f}_2$	$\mathbf{t}_2$	$\mathbf{t}_2$	${f T}$	${f F}$	${f F}$	${f F}$	${f T}$

Id	$\varphi_0$	$\varphi_1$	$\varphi_2$	$\varphi_3$	$\varphi_4$	$arphi_5$	$\varphi_6$	$arphi_7$
(136)	$\mathbf{f}_2$	$\mathbf{t}$	$\mathbf{t}$	${f T}$	$\mathbf{f}_2$	$\mathbf{f}_2$	$\mathbf{f}_2$	${f T}$
(137)	$\mathbf{f}_2$	$\mathbf{t}$	$\mathbf{t}$	${f T}$	$\mathbf{f}_2$	${f f}$	$\mathbf{f}_2$	${f T}$
(138)	$\mathbf{f}_2$	$\mathbf{t}$	$\mathbf{t}$	${f T}$	$\mathbf{f}_2$	${f F}$	$\mathbf{f}_2$	${f T}$
(139)	$\mathbf{f}_2$	${f t}$	${f t}$	${f T}$	${f f}$	$\mathbf{f}_2$	${f f}$	${f t}$
(140)	$\mathbf{f}_2$	$\mathbf{t}$	$\mathbf{t}$	${f T}$	${f f}$	${f f}$	${f f}$	${f T}$
(141)	$\mathbf{f}_2$	$\mathbf{t}$	$\mathbf{t}$	${f T}$	${f f}$	${f f}$	${f f}$	$\mathbf{t}$
(142)	$\mathbf{f}_2$	$\mathbf{t}$	$\mathbf{t}$	${f T}$	${f f}$	${f F}$	${f f}$	${f T}$
(143)	$\mathbf{f}_2$	$\mathbf{t}$	$\mathbf{t}$	${f T}$	${f F}$	$\mathbf{f}_2$	${f F}$	$\mathbf{t}_2$
(144)	$\mathbf{f}_2$	$\mathbf{t}$	${f t}$	${f T}$	${f F}$	${f f}$	${f F}$	$\mathbf{t}$
(145)	$\mathbf{f}_2$	$\mathbf{t}$	${f t}$	${f T}$	${f F}$	${f F}$	${f F}$	${f T}$
(146)	$\mathbf{f}_2$	${f T}$	${f T}$	${f T}$	${f T}$	${f T}$	${f T}$	${f T}$
(147)	$\mathbf{t}_2$	${f F}$	$\mathbf{f}_2$	${f F}$	${f F}$	${f T}$	${f T}$	${f T}$
(148)	$\mathbf{t}_2$	${f f}$	$\mathbf{f}_2$	${f F}$	$\mathbf{f}_2$	${f T}$	${f T}$	${f T}$
(149)	$\mathbf{t}_2$	${f f}$	$\mathbf{f}_2$	${f F}$	${f f}$	${f T}$	${f T}$	${f T}$
(150)	$\mathbf{t}_2$	${f f}$	$\mathbf{f}_2$	${f F}$	${f F}$	${f T}$	${f T}$	${f T}$
(151)	$\mathbf{t}_2$	$\mathbf{f}_2$	$\mathbf{f}_2$	${f F}$	${f T}$	${f T}$	${f T}$	${f T}$
(152)	$\mathbf{t}_2$	$\mathbf{t}_2$	${f T}$	${f F}$	$\mathbf{F}$	${f T}$	${f T}$	${f T}$
(153)	$\mathbf{t}_2$	$\mathbf{t}$	${f T}$	${f F}$	$\mathbf{f}_2$	${f T}$	${f T}$	${f T}$
(154)	$\mathbf{t}_2$	t	$\frac{\mathbf{T}}{-}$	$\mathbf{F}$	<u>f</u>	$\frac{\mathbf{T}}{\mathbf{T}}$	$\frac{\mathbf{T}}{-}$	$\mathbf{T}$
(155)	$\mathbf{t}_2$	<u>t</u>	$\mathbf{T}$	$\mathbf{F}$	$\mathbf{F}$	$\mathbf{T}$	$\operatorname*{\mathbf{T}}_{-}$	$\mathbf{T}$
(156)	$\mathbf{t}_2$	$\frac{\mathbf{T}}{\mathbf{T}}$	$\mathbf{T}$	$\mathbf{F}$	$\frac{\mathbf{T}}{\mathbf{T}}$	$\mathbf{T}$	$\mathbf{T}$	$\mathbf{T}$
(157)	t	$\mathbf{F}$	f	$\mathbf{f}_2$	$\mathbf{F}$	$\mathbf{f}_2$	$\mathbf{t}_2$	$\mathbf{t}_2$
(158)	t	$\mathbf{F}$	f	$\mathbf{f}_2$	$\mathbf{F}$	f	$\mathbf{t}_2$	t
(159)	t	$\mathbf{F}$	f	$\mathbf{f}_2$	$\mathbf{F}$	$\mathbf{F}$	$\mathbf{t}_2$	$\mathbf{T}$
(160)	t	$\mathbf{F}$	f	f	$\mathbf{F}$	$\mathbf{f}_2$	$\mathbf{t}$	t
(161)	$\mathbf{t}$	$\mathbf{F}$	f	f	$\mathbf{F}$	f	$\mathbf{t}$	$\mathbf{T}$
(162)	$\mathbf{t}$	$\mathbf{F}$	f	f	$\mathbf{F}$	f	$\mathbf{t}$	t
(163)	t	$\mathbf{F}$	f	f	$\mathbf{F}$	$\mathbf{F}$	t	${f T}$
(164)	$\mathbf{t}$	$\mathbf{F}$	f	$\mathbf{F}$	$\mathbf{F}$	$\mathbf{f}_2$	$\mathbf{T}$	${f T}$
(165)	$\mathbf{t}$	${f F}$	${f f}$	${f F}$	${f F}$	${f f}$	${f T}$	${f T}$

Id	$\varphi_0$	$\varphi_1$	$\varphi_2$	$\varphi_3$	$\varphi_4$	$arphi_5$	$\varphi_6$	$\varphi_7$
(166)	t	F	f	F	$\mathbf{F}$	$\mathbf{F}$	$\mathbf{T}$	$\overline{\mathbf{T}}$
(167)	$\mathbf{t}$	${f f}$	${f f}$	$\mathbf{f}_2$	$\mathbf{f}_2$	$\mathbf{f}_2$	${f T}$	${f T}$
(168)	$\mathbf{t}$	${f f}$	${f f}$	$\mathbf{f}_2$	$\mathbf{f}_2$	${f f}$	${f T}$	${f T}$
(169)	$\mathbf{t}$	${f f}$	${f f}$	$\mathbf{f}_2$	$\mathbf{f}_2$	${f F}$	${f T}$	${f T}$
(170)	$\mathbf{t}$	${f f}$	${f f}$	$\mathbf{f}_2$	${f f}$	$\mathbf{f}_2$	$\mathbf{t}$	$\mathbf{t}$
(171)	$\mathbf{t}$	${f f}$	${f f}$	$\mathbf{f}_2$	${f f}$	${f f}$	$\mathbf{t}$	${f T}$
(172)	$\mathbf{t}$	${f f}$	${f f}$	$\mathbf{f}_2$	${f f}$	${f f}$	$\mathbf{t}$	$\mathbf{t}$
(173)	$\mathbf{t}$	${f f}$	${f f}$	$\mathbf{f}_2$	${f f}$	${f F}$	$\mathbf{t}$	${f T}$
(174)	$\mathbf{t}$	${f f}$	${f f}$	$\mathbf{f}_2$	${f F}$	$\mathbf{f}_2$	$\mathbf{t}_2$	$\mathbf{t}_2$
(175)	$\mathbf{t}$	${f f}$	${f f}$	$\mathbf{f}_2$	${f F}$	${f f}$	$\mathbf{t}_2$	$\mathbf{t}$
(176)	$\mathbf{t}$	${f f}$	${f f}$	$\mathbf{f}_2$	${f F}$	${f F}$	$\mathbf{t}_2$	${f T}$
(177)	$\mathbf{t}$	${f f}$	${f f}$	${f f}$	$\mathbf{f}_2$	$\mathbf{f}_2$	${f T}$	${f T}$
(178)	$\mathbf{t}$	${f f}$	${f f}$	${f f}$	$\mathbf{f}_2$	${f f}$	${f T}$	${f T}$
(179)	$\mathbf{t}$	${f f}$	${f f}$	${f f}$	$\mathbf{f}_2$	${f F}$	${f T}$	${f T}$
(180)	$\mathbf{t}$	${f f}$	${f f}$	${f f}$	${f f}$	$\mathbf{f}_2$	${f T}$	${f T}$
(181)	$\mathbf{t}$	${f f}$	${f f}$	${f f}$	${f f}$	$\mathbf{f}_2$	${f t}$	${f t}$
(182)	$\mathbf{t}$	${f f}$	${f f}$	${f f}$	${f f}$	${f f}$	${f T}$	${f T}$
(183)	$\mathbf{t}$	${f f}$	${f f}$	${f f}$	${f f}$	${f f}$	$\mathbf{t}$	${f T}$
(184)	$\mathbf{t}$	${f f}$	${f f}$	${f f}$	${f f}$	${f f}$	$\mathbf{t}$	$\mathbf{t}$
(185)	$\mathbf{t}$	${f f}$	${f f}$	${f f}$	${f f}$	${f F}$	${f T}$	${f T}$
(186)	$\mathbf{t}$	${f f}$	${f f}$	${f f}$	${f f}$	${f F}$	$\mathbf{t}$	${f T}$
(187)	$\mathbf{t}$	f	$\mathbf{f}$	$\mathbf{f}$	${f F}$	$\mathbf{f}_2$	$\mathbf{t}$	$\mathbf{t}$
(188)	$\mathbf{t}$	f	$\mathbf{f}$	f	$\mathbf{F}$	$\mathbf{f}$	$\mathbf{t}$	${f T}$
(189)	$\mathbf{t}$	f	$\mathbf{f}$	f	$\mathbf{F}$	$\frac{\mathbf{f}}{}$	$\mathbf{t}$	$\frac{\mathbf{t}}{}$
(190)	t	f	f	<u>f</u>	$\mathbf{F}$	$\mathbf{F}$	<u>t</u>	$\frac{\mathbf{T}}{-}$
(191)	t	f	f	$\mathbf{F}$	$\mathbf{f}_2$	$\mathbf{f}_2$	${f T}$	$\frac{\mathrm{T}}{\mathrm{T}}$
(192)	t	f	f	$\mathbf{F}$	$\mathbf{f}_2$	f	${f T}$	${f T}$
(193)	$\mathbf{t}$	f	f	$\mathbf{F}$	$\mathbf{f}_2$	$\mathbf{F}$	${f T}$	${f T}$
(194)	$\mathbf{t}$	f	f	$\mathbf{F}$	f	$\mathbf{f}_2$	${f T}$	${f T}$
(195)	$\mathbf{t}$	${f f}$	${f f}$	${f F}$	${f f}$	${f f}$	${f T}$	${f T}$

Id	$\varphi_0$	$\varphi_1$	$arphi_2$	$\varphi_3$	$\varphi_4$	$arphi_5$	$\varphi_6$	$arphi_7$
(196)	t	$\mathbf{f}$	$\mathbf{f}$	${f F}$	$\mathbf{f}$	${f F}$	${f T}$	$\mathbf{T}$
(197)	$\mathbf{t}$	${f f}$	${f f}$	${f F}$	${f F}$	$\mathbf{f}_2$	${f T}$	${f T}$
(198)	$\mathbf{t}$	${f f}$	${f T}$	${f T}$				
(199)	$\mathbf{t}$	${f f}$	${f T}$	${f T}$				
(200)	${f t}$	${f f}$	$\mathbf{f}_2$	$\mathbf{f}_2$	$\mathbf{f}_2$	${f T}$	${f T}$	${f T}$
(201)	$\mathbf{t}$	${f f}$	$\mathbf{f}_2$	$\mathbf{f}_2$	${f f}$	${f T}$	$\mathbf{t}$	$\mathbf{t}$
(202)	$\mathbf{t}$	${f f}$	$\mathbf{f}_2$	$\mathbf{f}_2$	${f F}$	${f T}$	$\mathbf{t}_2$	$\mathbf{t}_2$
(203)	$\mathbf{t}$	${f f}$	$\mathbf{f}_2$	${f f}$	$\mathbf{f}_2$	${f T}$	${f T}$	${f T}$
(204)	$\mathbf{t}$	${f f}$	$\mathbf{f}_2$	${f f}$	${f f}$	${f T}$	${f T}$	${f T}$
(205)	$\mathbf{t}$	${f f}$	$\mathbf{f}_2$	${f f}$	${f f}$	${f T}$	$\mathbf{t}$	$\mathbf{t}$
(206)	$\mathbf{t}$	${f f}$	$\mathbf{f}_2$	${f f}$	${f F}$	${f T}$	$\mathbf{t}$	$\mathbf{t}$
(207)	$\mathbf{t}$	${f f}$	$\mathbf{f}_2$	${f F}$	$\mathbf{f}_2$	${f T}$	${f T}$	${f T}$
(208)	$\mathbf{t}$	${f f}$	$\mathbf{f}_2$	${f F}$	${f f}$	${f T}$	${f T}$	${f T}$
(209)	$\mathbf{t}$	${f f}$	$\mathbf{f}_2$	${f F}$	${f F}$	${f T}$	${f T}$	${f T}$
(210)	$\mathbf{t}$	$\mathbf{f}_2$	$\mathbf{f}_2$	$\mathbf{f}_2$	${f T}$	${f T}$	${f T}$	${f T}$
(211)	$\mathbf{t}$	$\mathbf{f}_2$	$\mathbf{f}_2$	${f f}$	${f T}$	${f T}$	${f T}$	${f T}$
(212)	$\mathbf{t}$	$\mathbf{f}_2$	$\mathbf{f}_2$	${f F}$	${f T}$	${f T}$	${f T}$	${f T}$
(213)	$\mathbf{t}$	$\mathbf{t}_2$	${f t}$	$\mathbf{f}_2$	${f F}$	$\mathbf{f}_2$	$\mathbf{t}_2$	$\mathbf{t}_2$
(214)	$\mathbf{t}$	$\mathbf{t}_2$	${f t}$	$\mathbf{f}_2$	${f F}$	${f f}$	$\mathbf{t}_2$	${f t}$
(215)	${f t}$	$\mathbf{t}_2$	${f t}$	$\mathbf{f}_2$	${f F}$	${f F}$	$\mathbf{t}_2$	${f T}$
(216)	$\mathbf{t}$	$\mathbf{t}_2$	${f t}$	${f f}$	${f F}$	$\mathbf{f}_2$	${f t}$	${f t}$
(217)	${f t}$	$\mathbf{t}_2$	${f t}$	${f f}$	${f F}$	${f f}$	${f t}$	${f T}$
(218)	${f t}$	$\mathbf{t}_2$	${f t}$	${f f}$	${f F}$	${f f}$	${f t}$	${f t}$
(219)	${f t}$	$\mathbf{t}_2$	${f t}$	${f f}$	${f F}$	${f F}$	${f t}$	${f T}$
(220)	$\mathbf{t}$	$\mathbf{t}_2$	${f t}$	${f F}$	${f F}$	$\mathbf{f}_2$	${f T}$	${f T}$
(221)	$\mathbf{t}$	$\mathbf{t}_2$	${f t}$	${f F}$	${f F}$	${f f}$	${f T}$	${f T}$
(222)	${f t}$	$\mathbf{t}_2$	${f t}$	${f F}$	${f F}$	${f F}$	${f T}$	${f T}$
(223)	$\mathbf{t}$	${f t}$	${f T}$	$\mathbf{f}_2$	$\mathbf{f}_2$	${f T}$	${f T}$	${f T}$
(224)	$\mathbf{t}$	${f t}$	${f T}$	$\mathbf{f}_2$	${f f}$	${f T}$	$\mathbf{t}$	${f t}$
(225)	$\mathbf{t}$	$\mathbf{t}$	${f T}$	$\mathbf{f}_2$	${f F}$	${f T}$	$\mathbf{t}_2$	$\mathbf{t}_2$

Id	$\varphi_0$	$\varphi_1$	$\varphi_2$	$\varphi_3$	$\varphi_4$	$arphi_5$	$\varphi_6$	$\varphi_7$
(226)	t	$\mathbf{t}$	$\mathbf{T}$	f	$\mathbf{f}_2$	$\mathbf{T}$	$\mathbf{T}$	${f T}$
(227)	$\mathbf{t}$	${f t}$	${f T}$	${f f}$	${f f}$	${f T}$	${f T}$	${f T}$
(228)	$\mathbf{t}$	${f t}$	${f T}$	${f f}$	${f f}$	${f T}$	${f t}$	${f t}$
(229)	$\mathbf{t}$	$\mathbf{t}$	${f T}$	${f f}$	${f F}$	${f T}$	$\mathbf{t}$	$\mathbf{t}$
(230)	$\mathbf{t}$	$\mathbf{t}$	${f T}$	${f F}$	$\mathbf{f}_2$	${f T}$	${f T}$	${f T}$
(231)	$\mathbf{t}$	${f t}$	${f T}$	${f F}$	${f f}$	${f T}$	${f T}$	${f T}$
(232)	$\mathbf{t}$	${f t}$	${f T}$	${f F}$	${f F}$	${f T}$	${f T}$	${f T}$
(233)	$\mathbf{t}$	$\mathbf{t}$	$\mathbf{t}$	$\mathbf{f}_2$	$\mathbf{f}_2$	$\mathbf{f}_2$	${f T}$	${f T}$
(234)	$\mathbf{t}$	$\mathbf{t}$	$\mathbf{t}$	$\mathbf{f}_2$	$\mathbf{f}_2$	${f f}$	${f T}$	${f T}$
(235)	$\mathbf{t}$	${f t}$	${f t}$	$\mathbf{f}_2$	$\mathbf{f}_2$	${f F}$	${f T}$	${f T}$
(236)	$\mathbf{t}$	${f t}$	${f t}$	$\mathbf{f}_2$	${f f}$	$\mathbf{f}_2$	${f t}$	${f t}$
(237)	$\mathbf{t}$	${f t}$	${f t}$	$\mathbf{f}_2$	${f f}$	${f f}$	${f t}$	${f T}$
(238)	$\mathbf{t}$	${f t}$	${f t}$	$\mathbf{f}_2$	${f f}$	${f f}$	$\mathbf{t}$	${f t}$
(239)	$\mathbf{t}$	${f t}$	$\mathbf{t}$	$\mathbf{f}_2$	${f f}$	${f F}$	${f t}$	${f T}$
(240)	$\mathbf{t}$	${f t}$	${f t}$	$\mathbf{f}_2$	${f F}$	$\mathbf{f}_2$	$\mathbf{t}_2$	$\mathbf{t}_2$
(241)	$\mathbf{t}$	${f t}$	$\mathbf{t}$	$\mathbf{f}_2$	${f F}$	${f f}$	$\mathbf{t}_2$	${f t}$
(242)	$\mathbf{t}$	${f t}$	$\mathbf{t}$	$\mathbf{f}_2$	${f F}$	${f F}$	$\mathbf{t}_2$	${f T}$
(243)	$\mathbf{t}$	${f t}$	$\mathbf{t}$	${f f}$	$\mathbf{f}_2$	$\mathbf{f}_2$	${f T}$	${f T}$
(244)	$\mathbf{t}$	${f t}$	$\mathbf{t}$	${f f}$	$\mathbf{f}_2$	${f f}$	${f T}$	${f T}$
(245)	$\mathbf{t}$	${f t}$	$\mathbf{t}$	${f f}$	$\mathbf{f}_2$	${f F}$	${f T}$	${f T}$
(246)	$\mathbf{t}$	$\mathbf{t}$	$\mathbf{t}$	${f f}$	${f f}$	$\mathbf{f}_2$	${f T}$	${f T}$
(247)	$\mathbf{t}$	${f t}$	$\mathbf{t}$	$\mathbf{f}$	$\mathbf{f}$	$\mathbf{f}_2$	$\mathbf{t}$	${f t}$
(248)	$\mathbf{t}$	${f t}$	$\mathbf{t}$	$\mathbf{f}$	$\mathbf{f}$	$\mathbf{f}$	${f T}$	${f T}$
(249)	$\mathbf{t}$	${f t}$	$\mathbf{t}$	$\mathbf{f}$	$\mathbf{f}$	$\mathbf{f}$	$\mathbf{t}$	${f T}$
(250)	$\mathbf{t}$	${f t}$	$\mathbf{t}$	$\mathbf{f}$	$\mathbf{f}$	$\mathbf{f}$	$\frac{\mathbf{t}}{}$	$\frac{\mathbf{t}}{-}$
(251)	$\mathbf{t}$	${f t}$	$\mathbf{t}$	$\mathbf{f}$	f	$\mathbf{F}$	${f T}$	$\mathbf{T}$
(252)	t	$\mathbf{t}$	$\mathbf{t}$	f	$\frac{\mathbf{f}}{\mathbf{f}}$	$\mathbf{F}$	t	${f T}$
(253)	t	$\mathbf{t}$	t	f	$\mathbf{F}$	$\mathbf{f}_2$	$\mathbf{t}$	$\frac{\mathbf{t}}{\mathbf{c}}$
(254)	t	t	t	f	$\mathbf{F}$	f	t	$\mathbf{T}$
(255)	$\mathbf{t}$	$\mathbf{t}$	$\mathbf{t}$	${f f}$	${f F}$	${f f}$	$\mathbf{t}$	${f t}$

Id	$\varphi_0$	$arphi_1$	$\varphi_2$	$\varphi_3$	$\varphi_4$	$arphi_5$	$\varphi_6$	$\varphi_7$
(256)	t	$\mathbf{t}$	$\mathbf{t}$	f	$\mathbf{F}$	$\mathbf{F}$	t	${f T}$
(257)	$\mathbf{t}$	$\mathbf{t}$	$\mathbf{t}$	${f F}$	$\mathbf{f}_2$	$\mathbf{f}_2$	${f T}$	${f T}$
(258)	$\mathbf{t}$	$\mathbf{t}$	${f t}$	${f F}$	$\mathbf{f}_2$	${f f}$	${f T}$	${f T}$
(259)	$\mathbf{t}$	$\mathbf{t}$	$\mathbf{t}$	${f F}$	$\mathbf{f}_2$	${f F}$	${f T}$	${f T}$
(260)	$\mathbf{t}$	$\mathbf{t}$	$\mathbf{t}$	${f F}$	${f f}$	$\mathbf{f}_2$	${f T}$	${f T}$
(261)	$\mathbf{t}$	$\mathbf{t}$	$\mathbf{t}$	${f F}$	${f f}$	${f f}$	${f T}$	${f T}$
(262)	$\mathbf{t}$	$\mathbf{t}$	$\mathbf{t}$	${f F}$	${f f}$	${f F}$	${f T}$	${f T}$
(263)	$\mathbf{t}$	$\mathbf{t}$	${f t}$	${f F}$	${f F}$	$\mathbf{f}_2$	${f T}$	${f T}$
(264)	$\mathbf{t}$	$\mathbf{t}$	$\mathbf{t}$	${f F}$	${f F}$	${f f}$	${f T}$	${f T}$
(265)	$\mathbf{t}$	$\mathbf{t}$	$\mathbf{t}$	${f F}$	${f F}$	${f F}$	${f T}$	${f T}$
(266)	$\mathbf{t}$	${f T}$	${f T}$	$\mathbf{f}_2$	${f T}$	${f T}$	${f T}$	${f T}$
(267)	$\mathbf{t}$	${f T}$	${f T}$	${f f}$	${f T}$	${f T}$	${f T}$	${f T}$
(268)	${f t}$	${f T}$	${f T}$	${f F}$	${f T}$	${f T}$	${f T}$	${f T}$
(269)	${f T}$	${f F}$	${f F}$	${f T}$	${f F}$	${f F}$	${f F}$	${f T}$
(270)	${f T}$	${f f}$	${f f}$	${f T}$	$\mathbf{f}_2$	$\mathbf{f}_2$	$\mathbf{f}_2$	${f T}$
(271)	${f T}$	${f f}$	${f f}$	${f T}$	$\mathbf{f}_2$	${f f}$	$\mathbf{f}_2$	${f T}$
(272)	${f T}$	${f f}$	${f f}$	${f T}$	$\mathbf{f}_2$	${f F}$	$\mathbf{f}_2$	${f T}$
(273)	${f T}$	${f f}$	${f f}$	${f T}$	${f f}$	$\mathbf{f}_2$	${f f}$	${f t}$
(274)	${f T}$	${f f}$	${f f}$	${f T}$	${f f}$	${f f}$	${f f}$	${f T}$
(275)	${f T}$	${f f}$	${f f}$	${f T}$	${f f}$	${f f}$	${f f}$	$\mathbf{t}$
(276)	${f T}$	${f f}$	${f f}$	${f T}$	${f f}$	${f F}$	${f f}$	${f T}$
(277)	${f T}$	f	$\mathbf{f}$	${f T}$	${f F}$	$\mathbf{f}_2$	${f F}$	$\mathbf{t}_2$
(278)	$\mathbf{T}$	f	f	$\operatorname*{\mathbf{T}}_{-}$	$\mathbf{F}$	$\frac{\mathbf{f}}{}$	$\mathbf{F}$	$\frac{\mathbf{t}}{}$
(279)	$\mathbf{T}$	f	f	$\mathbf{T}$	$\mathbf{F}$	$\mathbf{F}$	$\mathbf{F}$	$\mathbf{T}$
(280)	$\frac{\mathbf{T}}{\mathbf{T}}$	$\mathbf{f}_2$	$\mathbf{f}_2$	$\frac{\mathbf{T}}{\mathbf{T}}$	${f T}$	$\mathbf{T}$	$\frac{\mathbf{T}}{\mathbf{T}}$	$\frac{\mathbf{T}}{-}$
(281)	$\frac{\mathbf{T}}{\mathbf{T}}$	$\mathbf{t}_2$	$\mathbf{t}_2$	${f T}$	$\mathbf{F}$	$\mathbf{F}$	$\mathbf{F}$	$\frac{\mathrm{T}}{\mathrm{T}}$
(282)	$\mathbf{T}$	t	t	$\mathbf{T}$	$\mathbf{f}_2$	$\mathbf{f}_2$	$\mathbf{f}_2$	${f T}$
(283)	$\mathbf{T}$	t	t	${f T}$	$\mathbf{f}_2$	f	$\mathbf{f}_2$	${f T}$
(284)	${f T}$	t	t	${f T}$	$\mathbf{f}_2$	$\mathbf{F}$	$\mathbf{f}_2$	$\mathbf{T}$
(285)	${f T}$	$\mathbf{t}$	${f t}$	${f T}$	${f f}$	$\mathbf{f}_2$	${f f}$	$\mathbf{t}$

Id	$\varphi_0$	$arphi_1$	$arphi_2$	$arphi_3$	$arphi_4$	$arphi_5$	$arphi_6$	$\varphi_7$
(286)	${f T}$	$\mathbf{t}$	$\mathbf{t}$	$\mathbf{T}$	$\mathbf{f}$	$\mathbf{f}$	$\mathbf{f}$	${f T}$
(287)	${f T}$	$\mathbf{t}$	$\mathbf{t}$	${f T}$	${f f}$	${f f}$	${f f}$	$\mathbf{t}$
(288)	${f T}$	$\mathbf{t}$	${f t}$	${f T}$	${f f}$	${f F}$	${f f}$	${f T}$
(289)	${f T}$	$\mathbf{t}$	${f t}$	${f T}$	${f F}$	$\mathbf{f}_2$	${f F}$	$\mathbf{t}_2$
(290)	${f T}$	$\mathbf{t}$	${f t}$	${f T}$	${f F}$	${f f}$	${f F}$	$\mathbf{t}$
(291)	${f T}$	$\mathbf{t}$	${f t}$	${f T}$	${f F}$	${f F}$	${f F}$	${f T}$
(292)	${f T}$	${f T}$	${f T}$	${f T}$	${f T}$	${f T}$	${f T}$	${f T}$