N
matrix (level 0) in KB45

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

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	$arphi_1$	$arphi_2$	φ_3	$arphi_4$	$arphi_5$	$arphi_6$	$arphi_7$
$\overline{(1)}$	\mathbf{F}	\mathbf{F}	\mathbf{T}	\mathbf{F}	\mathbf{F}	\mathbf{T}	\mathbf{T}	$\overline{\mathrm{T}}$
(2)	${f F}$	${f f}$	${f T}$	${f F}$	${f F}$	${f T}$	${f T}$	${f T}$
(3)	${f F}$	${f t}$	${f T}$	${f F}$	${f F}$	${f T}$	${f T}$	${f T}$
(4)	${f F}$	${f T}$	${f T}$	${f F}$	${f T}$	${f T}$	${f T}$	${f T}$
(5)	${f f}$	${f F}$	${f t}$	${f F}$	${f F}$	${f F}$	${f T}$	${f T}$
(6)	${f f}$	${f f}$	${f T}$	${f F}$	${f F}$	${f T}$	${f T}$	${f T}$
(7)	${f f}$	${f f}$	${f t}$	${f F}$	${f F}$	${f F}$	${f T}$	${f T}$
(8)	${f f}$	${f t}$	${f T}$	${f F}$	${f F}$	${f T}$	${f T}$	${f T}$
(9)	${f f}$	${f t}$	${f t}$	${f F}$	${f F}$	${f F}$	${f T}$	${f T}$
(10)	${f f}$	${f T}$	${f T}$	${f F}$	${f T}$	${f T}$	${f T}$	${f T}$
(11)	\mathbf{f}_1	\mathbf{f}_1	\mathbf{t}_1	\mathbf{t}_1	\mathbf{t}_1	\mathbf{t}_1	\mathbf{t}_1	\mathbf{t}_1
(12)	\mathbf{f}_1	\mathbf{t}_1						
(13)	\mathbf{t}_1	\mathbf{f}_1	\mathbf{f}_1	\mathbf{t}_1	\mathbf{t}_1	\mathbf{t}_1	\mathbf{t}_1	\mathbf{t}_1
(14)	\mathbf{t}_1							
(15)	${f t}$	${f F}$	${f T}$	${f T}$				

Id	φ_0	$arphi_1$	$arphi_2$	$arphi_3$	$arphi_4$	$arphi_5$	$arphi_6$	φ_7
(16)	t	\mathbf{f}	\mathbf{f}	\mathbf{F}	\mathbf{F}	\mathbf{F}	${f T}$	${f T}$
(17)	\mathbf{t}	\mathbf{t}	${f T}$	${f F}$	${f F}$	${f T}$	${f T}$	${f T}$
(18)	\mathbf{t}	\mathbf{t}	\mathbf{t}	${f F}$	${f F}$	${f F}$	${f T}$	${f T}$
(19)	\mathbf{t}	${f T}$	${f T}$	${f F}$	${f T}$	${f T}$	${f T}$	${f T}$
(20)	${f T}$	${f F}$	${f F}$	${f T}$	${f F}$	${f F}$	${f F}$	${f T}$
(21)	${f T}$	${f f}$	${f f}$	${f T}$	${f F}$	${f F}$	${f F}$	${f T}$
(22)	${f T}$	${f t}$	\mathbf{t}	${f T}$	${f F}$	${f F}$	${f F}$	${f T}$
(23)	${f T}$	${f T}$	${f T}$					