

## Nmatrix (level 0) in KB45

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

### Subformulas

- $(\varphi_0) \ p$
- $(\varphi_1) \ \Diamond p$
- $(\varphi_2) \ \Box \Diamond p$
- $(\varphi_3) \ (\Diamond p \rightarrow \Box \Diamond p)$

Id	$\varphi_0$	$\varphi_1$	$\varphi_2$	$\varphi_3$
(1)	<b>F</b>	<b>F</b>	<b>F</b>	<b>T</b>
(2)	<b>f</b>	<b>T</b>	<b>T</b>	<b>T</b>
(3)	<b>f</b> <sub>1</sub>	<b>f</b> <sub>1</sub>	<b>t</b> <sub>1</sub>	<b>t</b> <sub>1</sub>
(4)	<b>t</b> <sub>1</sub>	<b>f</b> <sub>1</sub>	<b>t</b> <sub>1</sub>	<b>t</b> <sub>1</sub>
(5)	<b>t</b>	<b>T</b>	<b>T</b>	<b>T</b>
(6)	<b>T</b>	<b>T</b>	<b>T</b>	<b>T</b>