## N<br/>matrix (level 0) in KD5 $\,$

•  $\mathcal{D} = \{4,6,7\}$ 

## Subformulas

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

| Id            | $arphi_0$ | $arphi_1$ | $arphi_2$ | $arphi_3$ |
|---------------|-----------|-----------|-----------|-----------|
| $\overline{}$ | 0         | 3         | 4         | 4         |
| (2)           | 0         | 3         | 7         | 7         |
| (3)           | 0         | 0         | 0         | 7         |
| (4)           | 1         | 7         | 4         | 4         |
| (5)           | 1         | 7         | 7         | 7         |
| (6)           | 3         | 7         | 4         | 4         |
| (7)           | 3         | 7         | 7         | 7         |
| (8)           | 4         | 3         | 4         | 4         |
| (9)           | 4         | 3         | 7         | 7         |
| (10)          | 4         | 0         | 0         | 7         |
| (11)          | 6         | 7         | 4         | 4         |
| (12)          | 6         | 7         | 7         | 7         |
| (13)          | 7         | 7         | 4         | 4         |
| (14)          | 7         | 7         | 7         | 7         |