# Nmatrix (level 0) in KD5

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

## Subformulas

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

| Id | $\varphi_0$ | $\varphi_1$ | $\varphi_2$ | $\varphi_3$ |
|----|----|----|----|----|
| (1) | 0 | 0 | 3 | 7 |
| (2) | 0 | 0 | 0 | 7 |
| (3) | 1 | 0 | 7 | 7 |
| (4) | 3 | 4 | 7 | 7 |
| (5) | 3 | 7 | 7 | 7 |
| (6) | 4 | 0 | 3 | 7 |
| (7) | 4 | 0 | 0 | 7 |
| (8) | 6 | 0 | 7 | 7 |
| (9) | 7 | 4 | 7 | 7 |
| (10) | 7 | 7 | 7 | 7 |