$n = 2$

$[n] = [2] = \{1,2\}$ $\quad S \subset \{1,2\} \Rightarrow S = \emptyset$, $S = \{1\}$, $S = \{2\}$ ou $S = \{1,2\}$

$S = \emptyset \quad \varphi_\emptyset = \text{''}$,

$\psi_\emptyset = \bigvee_{i \in [2]} \neg x_i = (\neg x_1) \vee (\neg x_2)$

$\gamma_\emptyset = \varphi_\emptyset \vee \psi_\emptyset = (\neg x_1) \vee (\neg x_2)$

$S = \{1\} \quad \varphi = x_1 \quad \psi = \bigvee_{i \in [2] \setminus \{1\}} (\neg x_i) = (\neg x_2)$

$[2] \setminus \{1\} = \{1,2\} \setminus \{1\} = \{2\}$

$\gamma_S = x_1 \vee (\neg x_2)$

$S = \{2\} \quad \varphi = x_2 \quad \psi = (\neg x_1)$

$\gamma_S = (x_2) \vee (\neg x_2)$

$S = \{1,2\} \quad \varphi = x_1 \vee x_2 \quad \psi = \text{''}$

$\gamma_S = x_1 \vee x_2$

$$\phi = \bigwedge_{S \subset [2]} \gamma_S = \big((\neg x_1) \vee (\neg x_2)\big) \wedge \big(x_1 \vee (\neg x_2)\big) \wedge \big((x_2) \vee (\neg x_2)\big) \wedge \big(x_1 \vee x_2\big)$$