entry
$$\begin{bmatrix} r_1 = w \\ p ? \text{ br} \end{bmatrix}$$
 $\begin{bmatrix} r_2 = x \end{bmatrix}$ $\begin{bmatrix} r_3 = y \end{bmatrix}$ $side_0$ $side_0$ $side_0$ $t_4 = r_1$ $t_1 = x + y$ $t_1 = x + y$ $t_1 = x + y$ $t_2 = x$ $t_3 = \phi(t_1, t_2)$ $t_3 = \phi(t_1, t_2)$ $t_4 = \phi(t_1, t_2)$ $t_5 = \phi(t_1, t_2)$ $t_7 = \phi(t_1, t_2)$ $t_8 = \phi(t_1, t_2)$