entry 
$$\begin{bmatrix} r_1 = w \\ p ? \text{ br} \end{bmatrix}$$
  $\begin{bmatrix} r_2 = x \end{bmatrix}$   $\begin{bmatrix} r_3 = y \end{bmatrix}$  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  $\begin{bmatrix} r_4 = \phi(r_1, r_2, r_3) \\ t_1 = x + y \end{bmatrix}$   $\begin{bmatrix} r_2 = x \end{bmatrix}$   $\begin{bmatrix} r_4 = \phi(r_2, r_3) \\ t_1 = x + y \end{bmatrix}$   $\begin{bmatrix} r_4 = \phi(r_2, r_3) \\ t_1 = x + y \end{bmatrix}$  side  $\begin{bmatrix} r_4 = r_1 \\ t_1 = x + y \end{bmatrix}$   $\begin{bmatrix} r_4 = \phi(r_2, r_3) \\ t_1 = x + y \end{bmatrix}$   $\begin{bmatrix} r_4 = \phi(r_2, r_3) \\ t_1 = x + y \end{bmatrix}$  side  $\begin{bmatrix} r_4 = r_1 \\ t_1 = x + y \end{bmatrix}$   $\begin{bmatrix} r_4 = \phi(r_2, r_3) \\ t_1 = x + y \end{bmatrix}$   $\begin{bmatrix} r_4 = \phi(r_2, r_3) \\ t_1 = x + y \end{bmatrix}$  side  $\begin{bmatrix} r_4 = \phi(r_2, r_3) \\ t_1 = x + y \end{bmatrix}$   $\begin{bmatrix} r_4 = \phi(r_2, r_3) \\ t_1 = x + y \end{bmatrix}$   $\begin{bmatrix} r_4 = \phi(r_2, r_3) \\ t_1 = x + y \end{bmatrix}$  exit  $\begin{bmatrix} r_3 = \phi(r_1, r_2) \\ \cdots = r_3 \end{bmatrix}$  exit  $\begin{bmatrix} r_5 = \phi(r_0, r_4, r_4) \end{bmatrix}$