

De-Stabilizers Generators

$$\left(\begin{array}{c|c|c} \begin{array}{ccc} x_{11} & \cdots & x_{1n} \\ \vdots & \ddots & \vdots \\ x_{n1} & \cdots & x_{nn} \end{array} & \begin{array}{ccc} z_{11} & \cdots & z_{1n} \\ \vdots & \ddots & \vdots \\ z_{n1} & \cdots & z_{nn} \end{array} & \begin{array}{c} r_1 \\ \vdots \\ r_n \end{array} \\ \hline \begin{array}{ccc} x_{(n+1)1} & \cdots & x_{(n+1)n} \\ \vdots & \ddots & \vdots \\ x_{(2n)1} & \cdots & x_{(2n)n} \end{array} & \begin{array}{ccc} z_{(n+1)1} & \cdots & z_{(n+1)n} \\ \vdots & \ddots & \vdots \\ z_{(2n)1} & \cdots & z_{(2n)n} \end{array} & \begin{array}{c} r_{n+1} \\ \vdots \\ r_{2n} \end{array} \end{array} \right)$$

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Phases