

$$\left. \begin{array}{l} C_R^P(7) = 0 \\ C_R^P(6,1) = 0 \end{array} \right\} \text{not SYT} \quad \text{not a SYT}$$

$$C_R^P(5,2) = 1$$

$$\begin{array}{c} 2 \\ 1 \dots 2 \\ \quad 1 \end{array}$$

$$C_R^P(4,3) = 1$$

$$\begin{array}{c} 2 \\ 1 \ 1 \ 2 \\ \quad 2 \\ \quad \quad 1 \end{array}$$

first 2 2's are fixed

$$C_R^P(4,2,1) = 2$$

$$\begin{array}{c} 3 \\ 1 \ 1 \ 2 \\ \quad 2 \\ \quad \quad 1 \end{array} \quad \begin{array}{c} 2 \\ 1 \ 1 \ 3 \\ \quad 2 \\ \quad \quad 1 \end{array}$$

$$C_R^P(3,3,1) = 1$$

$$\begin{array}{c} 1 \ 2 \ 3 \\ \quad 2 \\ \quad \quad 1 \end{array}$$

~~not a SYT~~

$$C_R^P(3,2,2) = 1$$

$$\begin{array}{c} 3 \\ 1 \ 2 \ 3 \\ \quad 2 \\ \quad \quad 1 \end{array}$$

$$C_R^P(3,2,1,1) = 1$$

$$\begin{array}{c} 4 \\ 1 \ 2 \ 3 \\ \quad 2 \\ \quad \quad 1 \end{array}$$

$$C_R^P(4,1,1,1) = 1$$

$$\begin{array}{c} 4 \\ 1 \ 1 \ 3 \\ \quad 2 \\ \quad \quad 1 \end{array}$$

$$C_R^P(5,1,1) = 1$$

$$\begin{array}{c} 3 \\ 1 \ 1 \ 1 \\ \quad 2 \\ \quad \quad 1 \end{array}$$