

$$\begin{aligned}
 J &= \begin{bmatrix} J_{11} \\ J_{12} \\ J_{13} \\ J_{14} \\ J_{23} \\ J_{24} \\ J_{25} \\ J_{26} \end{bmatrix} = \begin{bmatrix} C_1 & C_2 & P_1 & P_2 & P_3 & P_4 & P_5 & P_6 \\ \text{[blue blocks]} \end{bmatrix} \\
 H = J^T J &= \begin{bmatrix} \text{[blue blocks]} \end{bmatrix}
 \end{aligned}$$