

$$\left[\text{II} - \begin{pmatrix} 0 & 0 & 0 & 0 & 0 & S_{11} & S_{13} & 0 & 0 & S_{12} & 0 & 0 & S_{14} & 0 \\ 0 & 0 & 0 & 0 & 0 & S_{21} & S_{23} & 0 & 0 & S_{22} & 0 & 0 & S_{24} & 0 \\ 0 & 0 & 0 & 0 & 0 & S_{31} & S_{33} & 0 & 0 & S_{32} & 0 & 0 & S_{34} & 0 \\ 0 & 0 & 0 & 0 & 0 & S_{41} & S_{43} & 0 & 0 & S_{42} & 0 & 0 & S_{44} & 0 \\ \frac{2}{3} & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & \frac{1}{3} & 0 & 0 \\ \frac{1}{3} & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & \frac{2}{3} & 0 & 0 \\ 0 & 0 & \frac{1}{3} & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & \frac{2}{3} & 0 \\ 0 & 0 & \frac{2}{3} & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & \frac{1}{3} & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & -1 & 0 & 0 & 0 \\ 0 & -1 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 1 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 1 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 & 0 & 0 & 0 & 1 & 0 & 0 & 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 & 0 \end{pmatrix} \right] \cdot \begin{pmatrix} n_2 \\ n_3 \\ n_5 \\ n_8 \\ n_{10} \\ n_1 \\ n_6 \\ n_{13} \\ n_{12} \\ n_4 \\ n_{11} \\ n_9 \\ n_7 \\ n_{14} \end{pmatrix} = \begin{pmatrix} 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ m_1 \\ m_2 \\ m_3 \\ m_4 \end{pmatrix}$$