$$[\boldsymbol{A}|\boldsymbol{b}] = \begin{bmatrix} 2 & 3 \\ 0.0001 & 2 \end{bmatrix} = \begin{bmatrix} 2 & 3 & 2 \\ 0 & 2 & 0.9998 \end{bmatrix} \begin{matrix} 0.99985 \\ 1.99985 \end{matrix}$$