1 2 3 111) 1 = 1 = 1 $= \begin{pmatrix} 1 & 0 & | & \frac{2}{3} \\ 0 & \frac{3}{2} & | & -\frac{1}{2} \end{pmatrix}$ /1 C ころ 100 | 3 - 3

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$$A \cdot A^{-1} = \begin{pmatrix} 2 & 1 \\ 4 & 2 \end{pmatrix} \begin{pmatrix} 2 & 1 \\ -1 & 2 \end{pmatrix} = \begin{pmatrix} 3 & 0 \\ 0 & 3 \end{pmatrix} = \begin{pmatrix} 1 & 0 \\ 0 & 1 \end{pmatrix}$$

$$A = \begin{pmatrix} 2 & 1 \\ 1 & 2 \end{pmatrix} - \begin{pmatrix} 2 & 1 \\ 1 & 2 \end{pmatrix} - \begin{pmatrix} 2 & -1 \\ -1 &$$

$$\begin{vmatrix} 1 & 2 \\ 1 & 0 \end{vmatrix} = 2 \begin{vmatrix} 3 & 2 \\ -1 & 0 \end{vmatrix} = 2 \begin{vmatrix} -1 & 1 \\ -1 & -1 \end{vmatrix} = 4 \begin{vmatrix} -2 & 2 & 4 \\ +1 & -1 & 1 \end{vmatrix} = 1 \begin{vmatrix} -1 & 0 \\ -1 & -1 \end{vmatrix} = 1 \begin{vmatrix} 1 & 0 \\ -1 & -1 \end{vmatrix} = 1 \begin{vmatrix} 1 & -1 \\ 1 & 2 \end{vmatrix} = 5 \begin{vmatrix} 1 & 0 \\ 1 & -1 \end{vmatrix} = 1 \begin{vmatrix} -2 & -2 & 4 \\ -1 & -1 & -1 \end{vmatrix} = 1 \begin{vmatrix} -2 & -2 & 4 \\ -1 & -5 & 1 \end{vmatrix} = 1 \begin{vmatrix} -2 & -2 & 4 \\ -2 & -2 & 4 \end{vmatrix} = 1 \begin{vmatrix} -2 & -2$$