$$(5E)^{-1} \quad det(5E) = 5^{5}$$

$$M(5E) = \begin{pmatrix} 5^{4} & ... \\ ... & ... \\ ... & ... \\ ... & ... \end{pmatrix} > (5E)^{-2} = \frac{1}{5^{5}} \begin{pmatrix} 5^{4} & ... \\ ... & ... \\ ... & ... \\ ... & ... \end{pmatrix} = \frac{5}{5^{5}} E = \frac{E}{5}$$

(5.3)
$$A^{-1} = \frac{1}{|A|} A_{+}^{T}$$

 $def(A) = 60 \text{ (y 5.2)} def(A) \neq 0$
 $M = \begin{bmatrix} -48 - 6 & 32 \end{bmatrix} \begin{bmatrix} -48 & 6 & 32 \end{bmatrix}$

$$M = \begin{vmatrix} -48 - 6 & 32 \\ -6 - 12 - 6 \end{vmatrix}$$

$$12 - 6 - 9$$

$$M_{+} = \begin{vmatrix} -48 & 6 & 32 \\ 6 & -12 & 6 \\ 12 & 6 & -9 \end{vmatrix}$$

$$M_{+} = \begin{vmatrix} -48.6 & 12 \\ 6 & -12.6 \\ 32.6 & -3 \end{vmatrix}$$

$$A^{-1} = \frac{1}{60} \begin{pmatrix} -49 & 6 & 12 \\ 6 & -12 & 6 \\ 32 & 6 & -9 \end{pmatrix}$$

$$\begin{array}{ll}
\overline{5.9} & A = (1,5) \\
B = (2,8) & \overline{A \cdot B} = X_1 X_2 + y_1 y_2 = 1.2 + 5.8 = 42
\end{array}$$