轉置矩阵,反矩阵,矩阵条積 觀念,問題 
$$85$$
 文大電子 If  $A^{\prime} = A^{-\prime}$ , then  $det(A) = 1$ .

Ans.

 $det(A^{\prime}) = det(A)$ 
 $det(A^{\prime}) = \frac{1}{det(A)}$ 
 $= \int_{det(A)}^{1} det(A)^2 = 1 = \int_{det(A)}^{1} det(A) = 1$ 
 $det(A) = \frac{1}{det(A)} = \frac{1}{det(A)} = 1$ 
 $det(A) = 1$  是结的