

2. 12 A E M, (C), AH=A, $\overline{LEMA}: (1) \left(e^{A} \right)^{H} = e^{A^{H}}$ $3. in A = \begin{pmatrix} 0 & -\alpha \\ \alpha & 0 \end{pmatrix}, \text{ if } At$ 4. 水铁分产型 $\frac{dx(t)}{dt} = Ax(t) = Ax(t)$

1. in A, BEMMCCI, AB=BA,

DI A CB+= C+BA.

$$\begin{array}{c}
(1) \ A = \begin{pmatrix} -5 & 1 & 4 \\ -12 & 3 & 8 \end{pmatrix} \\
 -6 & 1 & 4
\end{array}$$

$$\begin{array}{c}
(2) \ A = \begin{pmatrix} -5 & 1 & 4 \\ -12 & 3 & 8 \end{pmatrix} \\
 \end{array}$$

5. 未经分为年