Algebra

$$|A| = (x(x)) = 3$$

$$|B| = 1$$
7-
$$|A^{-1}B^{*} - A^{*}B^{-1}|$$

$$= |A^{-1}B|B^{-1} - |A|A^{-1}B^{-1}|$$

$$= |2A^{-1}B^{-1}|$$

$$= 2^{3}|A^{-1}|B^{-1}|$$

$$= \begin{cases} 2 \times \frac{1}{3} \times \frac{1}{3} \times \frac{1}{3} \\ 1 \times \frac{1}{3} \times \frac{1}{3} \\ 1 \times \frac{1}{3} \times \frac{1}{3} \times \frac{1}{3} \\ 1 \times \frac{1}{3} \times \frac{1}$$

8. AB=C C-AB=E ·· C为交换型初学共同等