

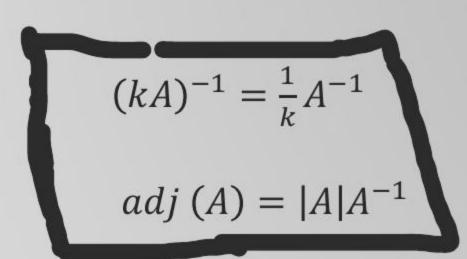


Solution:

$$(3A)^{-1}A \ adj(B) = \frac{1}{3} (A)^{-1}A \cdot adj B$$
$$= \frac{1}{3} \cdot I \cdot B^{-1} \cdot |B|$$

$$=\frac{1}{9}B^{-1}$$

 $=\frac{1}{3}\cdot I\cdot B^{-1}\cdot \frac{1}{3}$



$$3B^{-1}$$

$$B^{-1}$$

$$\frac{1}{9}B^{-1}$$



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