

求积

$$\begin{bmatrix} \boxed{2} & \boxed{4} & \boxed{-1} \\ \boxed{5} & \boxed{8} & \boxed{0} \end{bmatrix}$$

2 × 3

$$\begin{bmatrix} \boxed{2} & 5 & 1 & 4 \\ 4 & 8 & 0 & 6 \\ -3 & 1 & -2 & -1 \end{bmatrix}$$

3 × 4

$$= \begin{bmatrix} \underbrace{2 \times 2 + 4 \times 4}_{4 + 16 + 3} & \underbrace{2 \times 5 + 4 \times 8 + (-1 \times -3)}_{10 + 32 - 1} & \underbrace{2 \times 1 + 4 \times 0 + (-1 \times -2)}_{2 + 0 + 2} & \underbrace{2 \times 4 + 4 \times 6 + (-1 \times -1)}_{8 + 24 + 1} \\ \underbrace{5 \times 2 + 8 \times 4 + (0 \times -3)}_{10 + 32 + 0} & \underbrace{5 \times 5 + 8 \times 8 + (0 \times -1)}_{25 + 64 + 0} & \underbrace{5 \times 1 + 8 \times 0 + (0 \times -2)}_{5 + 0 + 0} & \underbrace{5 \times 4 + 8 \times 6 + (0 \times -1)}_{20 + 48 + 0} \end{bmatrix}$$

$$= \begin{bmatrix} 23 & 41 & 4 & 33 \\ 42 & 89 & 5 & 68 \end{bmatrix}$$

2 × 4