

1 - احسب التكاملات I و J و K و L حيث : $I = \int_1^2 \frac{x^4 - 3x^3 + 2}{x^2} dx$ و $J = \int_{-2}^0 (x+1) \sqrt{x^2 + 2x + 5} dx$

$$K = \int_{-\frac{1}{2}}^{\frac{\pi-2}{4}} (x+1) \sin(2x+1) dx$$

$$L = \int_{-1}^1 \frac{1}{x^2 + 2x + 5} dx \quad \left(\text{يمكنك وضع } u = \frac{x+1}{2} \right)$$

