

احسب التكاملات I و J و K و L حيث :

$$J = \int_{-2}^0 (x+1) \sqrt{x^2+2x+5} dx \quad \text{و} \quad I = \int_1^2 \frac{x^4-3x^3+2}{x^2} dx$$

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

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

