$$\frac{\mathrm{d}y}{\mathrm{d}x} = x^2 + 3x + 4 \tag{1}$$

$$I = \int_0^{\frac{1}{2}} \frac{x}{\sqrt{1 - x^2}} \, dx \tag{2}$$

$$A = \begin{bmatrix} a_{11} & a_{12} & a_{13} \\ a_{21} & a_{22} & a_{23} \\ a_{31} & a_{32} & a_{33} \end{bmatrix} \tag{3}$$