# OTSA 4

# On-the-spot assignment 4

- Write a DIY code to evaluate the following integral using Simpson's method.

- Let the integration limits be from $x_0$=-1.5 to $x_1$=+5.0.

- You must package your code into the form of a module. The correct output is  0.358584.

$$f(x) = \frac{x}{(z^2 + x^2)^{3/2}}$$

$$\int_{x_0}^{x_1} f(x)dx =?$$