1 Some maths

To see the math font design, we will look at an integral approximation of a function $f(x)$ as a sum with weights w_i. Key commands are \int, \approx and \sum.

$$\int_a^b f(x)\, \mathrm{d}x \approx (b-a) \sum_{i=0}^n w_i f(x_i) \tag{1}$$