

# 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`.

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