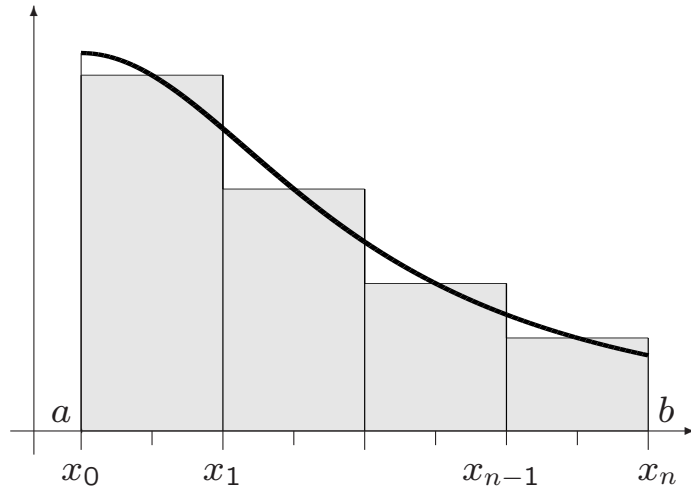
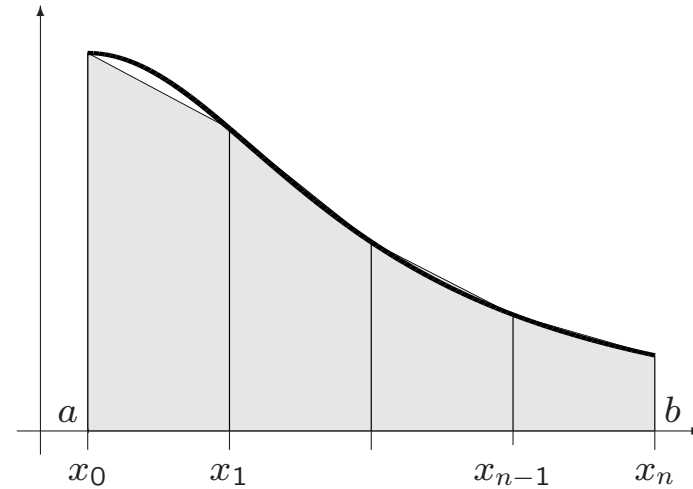


Summierte Quadraturformeln



summierte Mittelpunktsregel

$$\int_a^b w(x) dx \approx h \sum_{i=1}^n w\left(\frac{x_{i-1} + x_i}{2}\right)$$



summierte Trapezregel

$$\int_a^b w(x) dx \approx \frac{h}{2} \sum_{i=1}^n (w(x_{i-1}) + w(x_i))$$

$$h = \frac{b - a}{n}$$