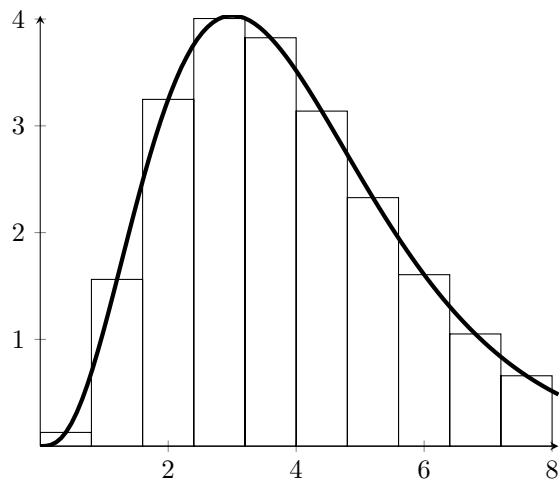


Riemannsummer



Partisjon P av $[a, b]$:

$$a = x_0 < x_1 < x_2 < \dots < x_{n-1} < x_n = b$$

$$\Delta x_i = x_i - x_{i-1}, \quad |P| = \max_{1 \leq i < n} \Delta x_i$$

Riemannsum R assosiert med P :

$$R = \sum_{i=1}^n f(x_i^*) \Delta x_i$$

hvor

$$x_i^* \in [x_{i-1}, x_i] \text{ for } i = 1, 2, \dots, n$$