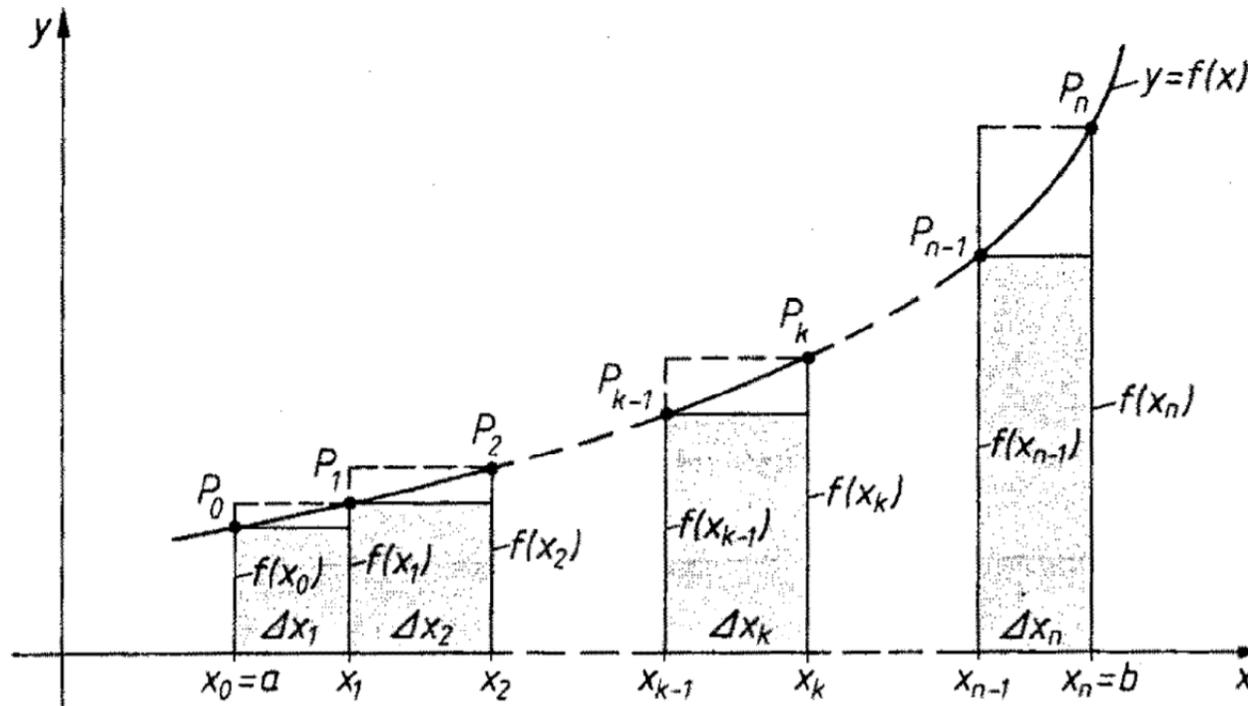


Flächenproblem und bestimmtes Integral



$$A = \lim_{n \rightarrow \infty} \left(\sum_{k=1}^n f(x_{k-1}) \cdot \Delta x_k \right) = \lim_{n \rightarrow \infty} \left(\sum_{k=1}^n f(x_k) \cdot \Delta x_k \right) = \int_a^b f(x) dx$$