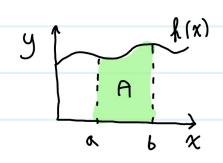
Integrali



$$\int_{A}^{b} f(x) dx = A^{+} - A^{-}$$

Inoltre
$$\int_{b}^{a} f(x) dx := -\int_{a}^{b} f(x) dx$$

$$\begin{array}{ccc}
055. & \text{β} & \text{γ} & \text{$\gamma$$$

$$055.2 \quad \int_{0}^{\alpha} f(x) dx = 0$$

$$a^{\sum_{\alpha} \sum_{\alpha} \sum_{\alpha} \sum_{\beta=\alpha}^{\beta} \frac{1}{N} \cdot \sum_{\alpha} \frac{1}{N} \cdot \sum$$

vero se fie wntiwa

$$8 = \frac{6-\alpha}{16}$$

$$N = K$$

$$Ri = \alpha + 8(i-1)$$

Calcolo esatto dell'integrale

S: definisce primitiva di f(x) una F(x) t.c. F'(x) = f(x).

$$\lim_{h\to 0} \frac{\int_{-\infty}^{\infty} \hat{A}(t) dt - \int_{-\infty}^{\infty} \hat{A}(t) dt}{h} = \lim_{h\to 0} \frac{\int_{-\infty}^{\infty} \hat{A}(t) dt}{h} = (1)$$

$$\exists c \in [\times, \times + h] \mid h(c) = \frac{x}{x} \begin{cases} \frac{x+h}{h} \end{cases}$$

$$(teorems del)$$

$$(valor medio)$$

$$(integrale)$$

$$h \to 0 \implies c = x \implies$$