

$$s(t) = A_0 + \sum_{n=1}^{\infty} A_n \cos (2\pi \cdot n \cdot F \cdot t) + \sum_{n=1}^{\infty} B_n \text{sen} (2\pi \cdot n \cdot F \cdot t)$$

$$F = 1/T \quad \text{frequenza e periodo di } s(t)$$

$$A_0 = \frac{1}{T} \int_{-\frac{T}{2}}^{+\frac{T}{2}} s(t) dt$$

$$A_n = \frac{2}{T} \int_{-\frac{T}{2}}^{+\frac{T}{2}} s(t) \cdot \cos (2\pi \cdot n \cdot F \cdot t) dt$$

$$B_n = \frac{2}{T} \int_{-\frac{T}{2}}^{+\frac{T}{2}} s(t) \cdot \text{sen} (2\pi \cdot n \cdot F \cdot t) dt$$