

* Integrator $y(t) = \int x(t) dt$

* Differentiator $y(t) = \frac{dx(t)}{dt}$

* Modulator Amplitudo (AM)

$$y(t) = x(t) \sin(\omega t)$$

$\omega = 2\pi f_c \frac{\text{rad}}{\text{sec}}$

f_c = frekuensi pembawa [Her Hz]

* Modulator Frekuensi (FM)

$$y(t) = A \sin(2\pi(f_c + x(t))t)$$

* Modulator Fasa (Phase Modulation) (PM)

$$y(t) = A \sin(2\pi f_c t + \underbrace{x(t)})$$