

* Penguat Logarithmik: $y(t) = K \log |x(t)|$
(log-amp)

* Penguat Jenuh
(saturating amp)

$$y(t) \begin{cases} = Kx(t), & |x(t)| < a \\ = Ka, & x(t) \geq a \\ = -Ka, & x(t) \leq -a \end{cases}$$

* Modulator Frekuensi:

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

* Modulator Fasa:

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

* Penguat Time Varying:

$$y(t) = (K e^{-t}) x(t)$$