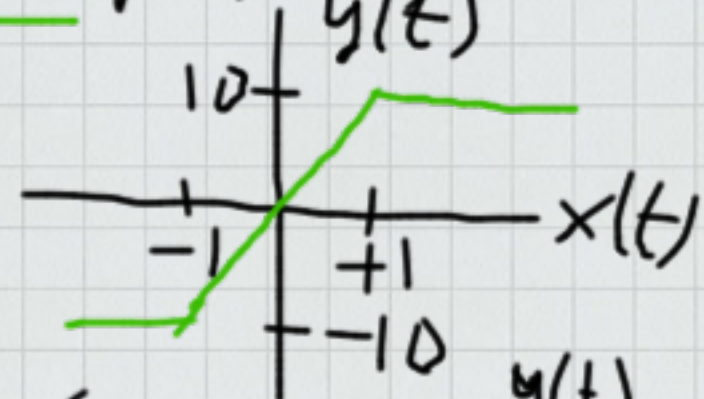


Beberapa contoh sistem, tunjukkan apakah linier atau tidak:

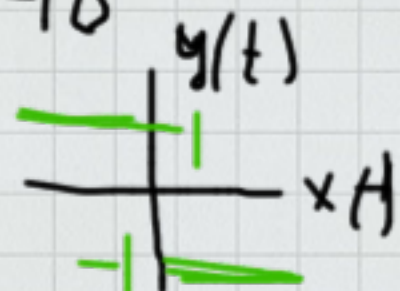
* Differensiator: $y(t) = \frac{dx(t)}{dt}$

* Penguat Jenuh (saturating Amplifier):

$$y(t) \begin{cases} = 10x(t), & |x(t)| \leq 1 \\ = 10, & x(t) > 1 \\ = -10, & x(t) < -1 \end{cases}$$



* Komparator $y(t) \begin{cases} = 1, & x(t) \leq 0 \\ = -1, & x(t) > 0 \end{cases}$
Pembanding



* Penguat Logarithmik: $y(t) = 10 \log |x(t)|$
 $x(t) \neq 0$

* Pembalik fasa 180° $y(t) = -x(t)$
(Inverting Amp)