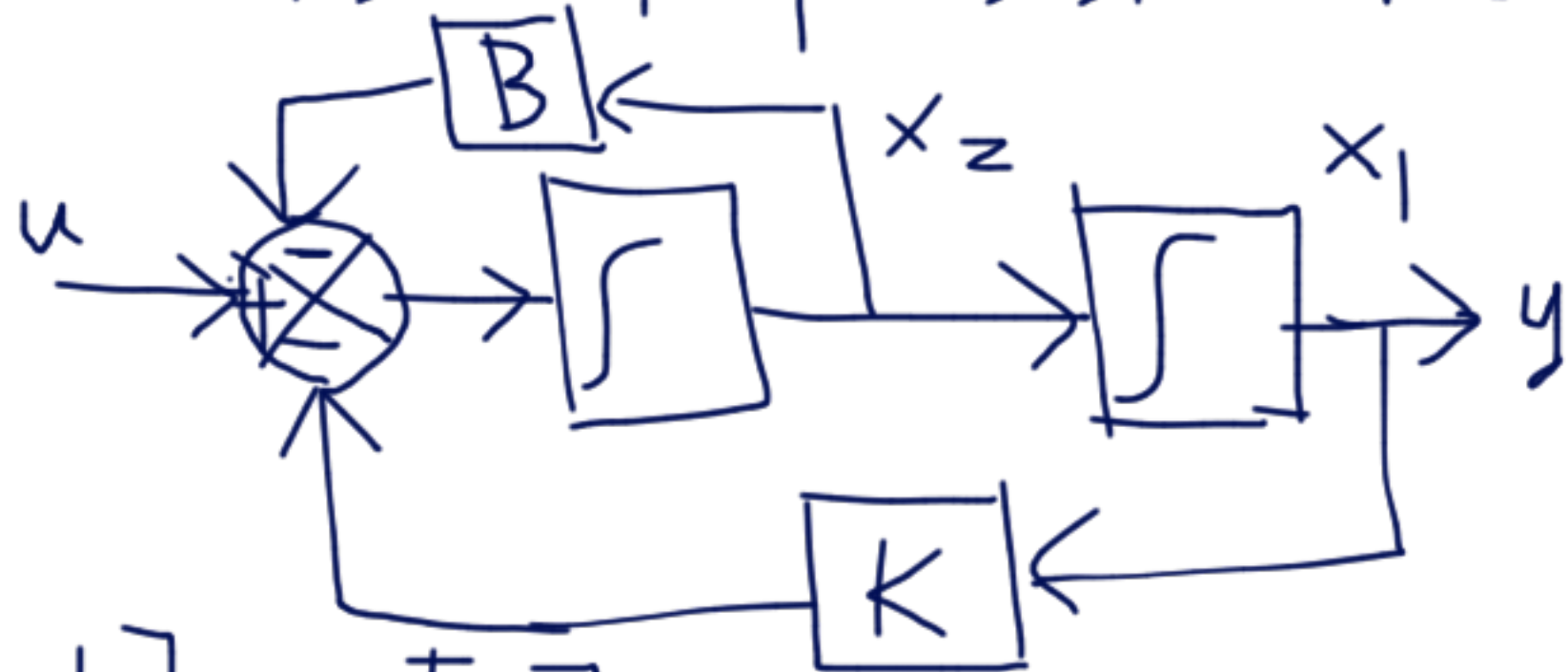


\* Tentukan nilai  $B$  supaya sistem berikut stabil:



$$\dot{x} = \underbrace{\begin{bmatrix} 0 & 1 \\ -K & -B \end{bmatrix}}_{[A]} x + \begin{bmatrix} 0 \\ 1 \end{bmatrix} u$$

Berapa nilai  $B$  sehingga  $x_1$  dan  $x_2$  punya bagian Real  $< 0 \rightarrow$  STABIL