PHIL_BJT $I_S = 48,15502 \text{pA}$ $V_{th} = 26,14758 \text{mV}$ SIEMENS $I_S = 19,92485 \text{pA}$ $V_{th} = 25,73160 \text{mV}$ modelo modificado $I_S = 103,5425 \text{pA}$ $V_{th} = 25,78667 \text{mV}$ transistor 1 $I_S = 106,2390 \text{pA}$ $V_{th} = 27,37242 \text{mV}$

- \bigcirc transistor 2 $I_S=106,1999 \mathrm{pA}~V_{th}=27,40305 \mathrm{mV}$
- O transistor 3 $I_S = 107,6881 \text{pA} \ V_{th} = 27,74140 \text{mV}$

