6) theta 87°

$$5,6235^{\circ} + 2,02408 = 4$$

 $5^{\circ} + 6285 + 3,6007 \times$

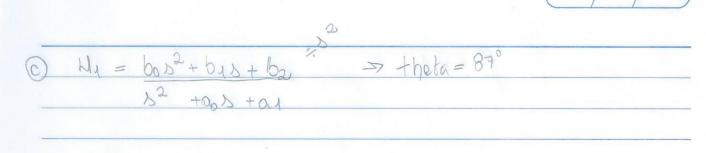
$$y(s^2 + 628s + 316007) = x(51623s^2 + 2102408)$$

$$d^2y + 628dy + 3.6e07y = 5.623 d^2x + 2.024 c08x$$

theta 60°

$$\frac{d^2y + 6000dy + 3.6e07y = 5.623d^2x + 2.024e08x}{dt}$$





$$= \frac{b_0 + b_4/s + b_2/s^2}{1 + a_0/s + a_4/s^2} = \times \frac{b_0 + b_4/s + b_2/s^2}{1 + a_0/s + a_4/s^2} = \times \frac{b_0 + b_4/s + b_2/s^2}{1 + a_0/s + a_4/s^2}$$

$$a_0 = 628$$
 $b_0 = 5,623$
 $a_1 = 3,627$ $b_1 = 0$
 $b_2 = 2,024 c08$

