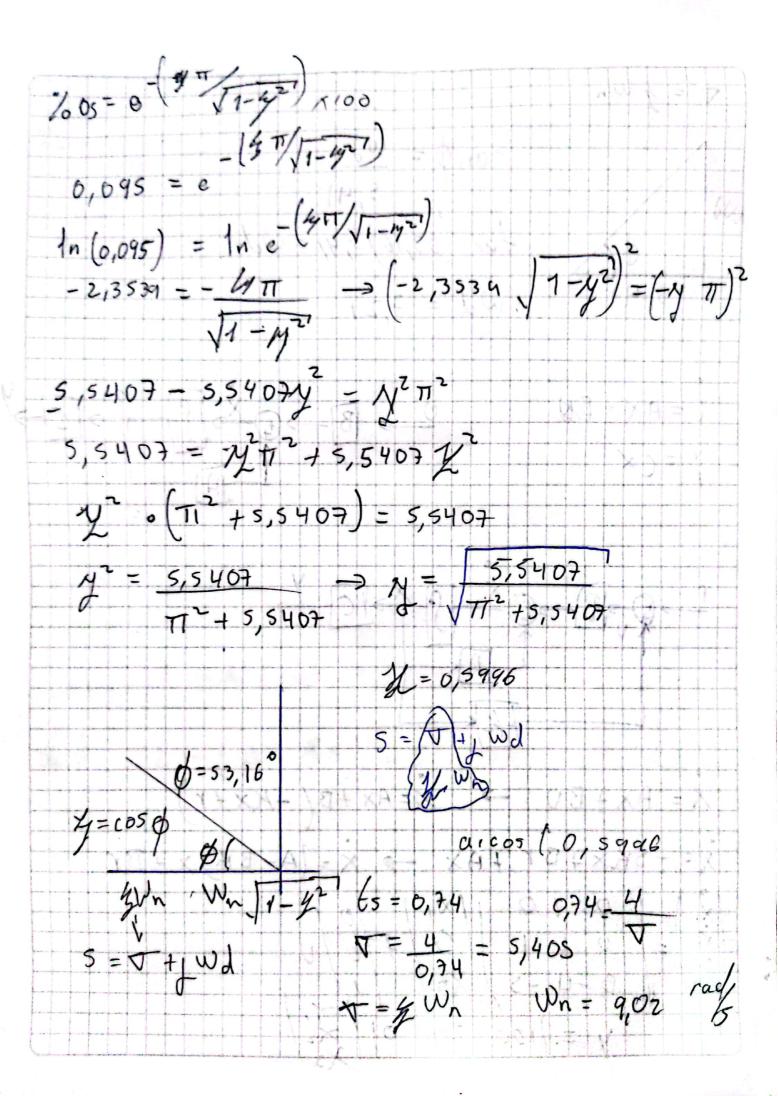
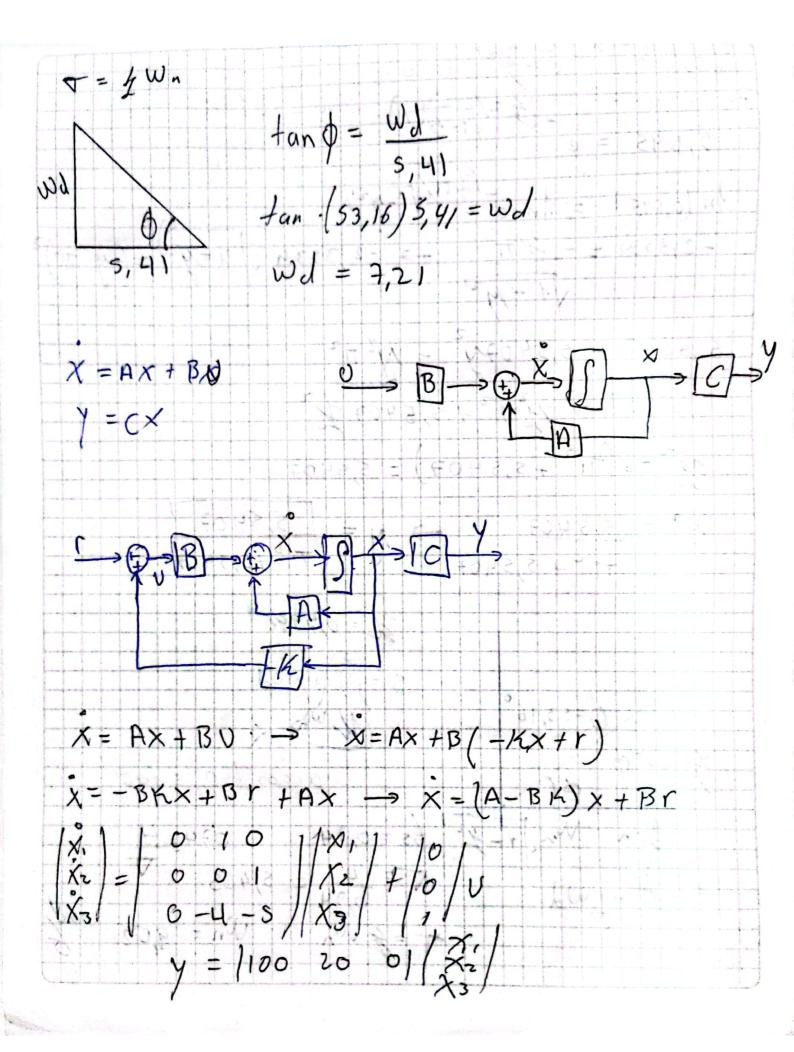
Tave a 6 Algando Broco

$$G(s) = \frac{20(5+2)}{5(5+4)(5+4)}$$
 of $S = 0,745$ sup

 $\frac{V(s)}{5^3+55^2+45}$ $\frac{X_1(s)}{5^3+55^2+45}$ $\frac{X_1(s)}{5^3+55^2+45}$ $\frac{X_1(s)}{5^3+55^2+45}$ $\frac{X_1(s)}{5^3+55^2+45}$ $\frac{X_1+5X_1}{5^3+5X_1}$ $\frac{X_1+5X_2}{5^3+5X_2}$ $\frac{X_1+5X_2}{5^3+5X_2}$ $\frac{X_2-X_1}{5^3+5X_2}$ $\frac{X_3+5X_3+44X_2=0}{5^3+5X_2+5X_3}$ $\frac{X_3-5X_3-44X_2+0}{5^3+5X_2+5X_3}$ $\frac{X_1+5X_2+5X_3}{5^3+5X_2+5X_3}$ $\frac{X_1+5X_2+5X_3}{5^3+5X_3}$ $\frac{X_1+5X_2+$





- 5X3 +U - UX2 - 5 X3 - K3X3 - K2X2 - K, X, +r = - K1 X1 - (4+ K2) X2 - (5+ K3) X3+ r SI - (A-BK)) = 53+(5+K3)52+(4+K2)5+K1=D 17.21 (5+5,4 j7,2) 5+5,4+17,2) -5,4 -7,21

53 + 15, 48 52 + 136 22 5 + 413,83 =0 53 + (5 + K3) 52 + (4+/62) 5 + K1=53+15,93 52+ 136,22 54413,83 (5+1h3) 52 = 15,9 82-3 5+K3=15,9 K3 = 10,9 (4+ hz) \$ = 13622 \$ 4+1/2 = 136,22 K2 = 132,22 Ki = 413,83 - \$13,8-136,22 - 15,9 X3