7009/06/09 F= 12 0 C/x 4 ac X = 4 Co (x)=& hotx u=U,  $\gamma=\phi$ Ma=do, MF=Ko 1 EM = = - d. \$ + K\$ + Fc. Ps Me = Felo X: 5/4 p. Ps = 6000 P. Ps. 6 F\_ = AE ac 2 1 = AE ac ? (-1) (hotx/2 Me = V-iR da 20.41 = 0.0 + 20 uc Uc = V- RCuc + REA xuc = c.uct 2c xuc 12 ü = V = 1 (EA ROLD - ) u ic = c. uc # - 84 xuc (i = V + ( loss - 1) uc = Whoth (os -1) uc  $\hat{\alpha} = -\frac{d\Omega - k\phi}{E} = \frac{1}{2E} \left( \frac{1}{(hot \log 1)^2} \right)$ = REA + REA / REA /

9) 
$$h_R = 0$$
  $R = 0$ 

$$0 = \frac{h_0}{E} - u_c - u_c = 0$$

$$0 = \frac{h_0}{E} - \frac{h_0}{REA} + \frac{h_0}{E} + \frac{h_0}{E} + \frac{h_0}{REA} + \frac{h_0}{E} + \frac{h_0}{REA} + \frac{h_0}{E}$$

$$0 = \frac{h_0}{REA} + \frac{h_0}{E} + \frac{h_0}{E} + \frac{h_0}{E} + \frac{h_0}{REA} + \frac{h_0}{E} + \frac{h_0}{$$

MAGUSEN SPEZIER KATION

ACCEPTABLE AND IT

2 a) fiele Stripl a(4-T), Xo(1-T) -> y (4-T) e) | lon 19/1/1 <0 1 Re (5) <0 ... si ... Pole der Whahayays -691 Tiv >1500 stabl 2, 1=11,25 Tij = vi in R. G. La Pol - Net Kurrung außeh mil Res;) zo Add = ETA muse Rougo = n PBH Roughest / Eige vellerlest - Homkelmabrix muss regular sec. d) de ) Rong A = Ordning von n(s)

END JABPERBRLAPPERMEN

WERNALDS ESTERNING & VALLEY

30) 
$$G(s) = \frac{y(s)}{u(s)}$$
 $= \frac{6}{175}$ 
 $= \frac{6}{175}$ 
 $= \frac{6}{175} = \frac{6}{175} = \frac{6}{175} = \frac{65+12}{175}$ 
 $= \frac{6}{175} = \frac{6}{175} = \frac{65+12}{175} = \frac$ 

ABSPRISH KLARPE ZERT RISCH

ARAS TURBUSED FRONDOM

Francisco de

d) song[ItC=(In) = (max(grad(zc), gra(nc) - N\_(nc) + N\_+(nc))] = (3-1+1).8 =36 G BIBO - Wahil (a) il 6(s) = Won (1+sc) wit VR 2 Tun R = VR (1+58) (1+56) Trom = Rs. Snow lin (Tnon 1 = 1 = Vnom e 2 Vn -> Vn = Vnom e 2 Mil Gd = -Rd. Snow  $Rd = -\frac{Gd}{4non} = -\frac{1}{Vaoul1+sc} = -\frac{(1+sb)}{Vaoul1+sc}$ 1-58/11+56/ iii) S = T-From mil Tuen = 1 = 1 = 12 (S+ 1/2)2 e ? (s + 7 p) + Vname ? (s + 1 p) ? S= Vnoner Contre -> radfibery, kom von Rindt beinflust worde

great land March Control of Stranger

4b) 6(5) = Va Va 30 R(1) = VR (1+5/2) T = Va VR (1+5 m) Vava (Its [1) +5? (Its [, ) Ve Vn 11+5/11 Tis3 +5 th + STAVaVa + VaVa CY TZ TAVAVR ' 1 Vavr 1 TAVQVR-VQVRTZ O s' Vava (TISTZ (VR >0)  $T = \frac{V_{910} (1+10s)}{5s^{3}+s^{7}+sV_{9100}+10V_{9}}$ lin (1/1)-y(1) lin (86(1) 2 32) 20 (5/2 -56(5) 51) - 1 - Valo(1+105) = 5(553+525 Valoutlova) = lim of 8(554+52+5 6,100+10Va) =0