

Pass) [152] = Pr(s) [CLRS'Z+LSZ+LBS+RZ] Po(S) LS+ E Pa(S) [CLRZ] S2+[LZ+LR] S+RZ Pa(s) = [CLRZ]s+RZ | -> tonción de transferencia Madelo de Ecociones integro-diferenciales Fz(t)+FL(t)=FC(t)+Fa(t) Pa(t) + Pp(t) + I S[Palt) - Pp(t)]dt - (dPp(t) + Pp(t) Pp(6) (+ + 2) = Pa(t) + 1 [Pa(t) - Pp(c)] dt - (dPp(6) Pp(t) = Pa(t) + 1 [[Pa(t) - Pp(t)]dt - (dfp(t) PZ dt P+Z (Ralt) Error en estade estacionario e(s) = (s) 1 - (s) 1 - (s) = s->0 5. \$ [1 - RES+PZ

Estabilidad on laza abieto 2,2: - b = 5 b2 - tac' q= CLRZ b=(12+LP) 212 =- (12+LP) + (12+LP)2-4(LP222 C= Lt 2(182 2: Relo sistema es estable