TAGHE LEONEL Exercice 1 I ADP ideal et CRZO slone V+=Y-et * += i-Etablin M(t) = - V(t)
R2 Jew R2 Jew 1+jR1CW - Redux 1 1+ dR1CW

2- Expression du Gain. GV= 20log (III) GV = 20 log (FRECW] To= 1/1+ dRacW GN: 20log (R2CW) + 20log (1/2) GV = 20log (Recw) + 20log (VI+ (Racw)2) Callul de Wc AYmin XV2 defini løre AV = AV max on AV= R2CW × 1 VIHRICWYZ Prior W=0 AY=0 =) GY=- 60

Prior W=+40 AY= 64= 20log(1/2)

Res

Res R2CWe R1

VI+(R1CWe)2 = V2 Recourt = Re VIHRECUEIZ Retwortz = Re(RICWE) 2 Roche - Roche = 0

R2 CWc/2 = R2 V(R1 CW2)2+1 CWeV2 = VRACWOP+ 2 2(cwe)= R1cwe2+1 2Rs(CWe)= (R1CWe)2+1 (R2CW)2=1 Two 2 Rica

4 - Coef maximum 2 Amex = R2 R1 2 = R2 R1 R1 = 1165 Calcul de C Colc = 1 Ric 2Thc = 1 Ric RIC = 1 217 fc C= 217 fc Rs C = 1 211 × 160 × 1,65 C = 0,000 605 F

