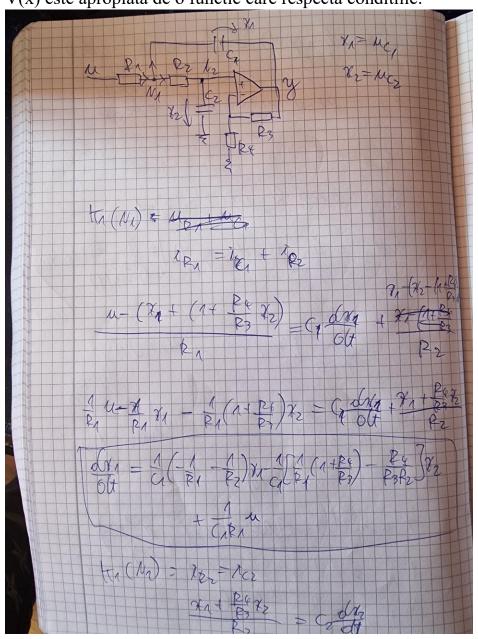
Tema curs 5 Olaru Constantin – Alexandru Grupa 30121

Determinarea stabilitatii unui system care are la baza un FTJ cu amplificator operational in montaj neinversor. Am ajuns pana la calculul matricei P, iar functia V(x) este apropiata de o functie care respecta conditiile.



Re GR3R2 Ger ¥2 1 82 4 1 R RG GR3RZ 5350 PA PC(A) & PEG CIPIRZ C2P2 RG (1/1+ a len en 0

CZRA CRA P3 datem mini o relimbor doia P 4 = P3 => ol ann down P42R3 > mini o relientros de rem don RxX => 0 relimbor ple roun & rentem suntabil = 7 72 + 22 72 CANAN CZAZÁZ + P2 X2 ( I Int Ru GRZ Rz Rz Rz

X2 S o(x)RZ

129 23 P12 Pai + 2 Paz F EZ Platez P3

P3P2CA + 2 - P12 - ( P16 +1) CZ (1 + R) (1 + R) RAZ + ROCZ (1 + R) + Cili / Ra) + Cilir Ru + Cilir R R3 + Ru + Pn C1 P1C1 - RG(2 /1 R2 R3 (2 C1 (R1