a=1 b=-1.4 c= -0.45 P9 45 22-142-045) Poles = (14 ± 1496+5.6)/2 = (1-4+2-75)/2 = 2.075 or -0.675 i) Order = 2 (1) boles = 5-0.22 4-0.612 iii) pola > 1 => not stable. => Solved using b) PELLUS 13 ZA- ZS + 0-3522-0-052-0.024 i) order = 4; Polos #-0.1687; 0.6687 0.2800 -0.3877 i 7 r= 0.46 Code: ayma x solve (x14-x13+,35*X12 -0.05*X-0.054 3-9) a) 4 b 2 -0-51 i) System sulphie pole = 0.51 > 0.51 < 1 => 84-66 ii) Final value 9== 854) I'm f(n)=1im (2-1) f(2) F(Z) + G(Z) U(Z) . >> 0.94 x Z 2-0-51 2-1 5-0-21 - 1.918367347

$$\frac{1-1.4(\alpha)}{\ln(\alpha)} = \frac{-4}{\ln(0.51)} = \frac{-6}{\ln(0.51)} = \frac{5.94}{2.6}$$

b)
$$\frac{7}{2^{4}-1.312^{3}+1.212^{2}-0.2872-0.0178}$$

 $\frac{2}{3}$ $\frac{7}{900}$ $\frac{1}{2}$ $\frac{1}{2}$

$$5-3$$
?
 6.3 α) -4
 $(z-1.5)(z-0.5)$

