P1? / Xt = a. Xt-1 + a. Xt-2 + a. 3 Xt-3 - 2 - 2 - 4 C =) (Kn) = (9,0777) dr) = (0,0670) la | End (≥) E(xe)=d, E(xe-1)+d, z E(xe-1)+1 4) P(u) = ___ (=) (= / (1-1, 301-02) =25-72 $f(x) = a_{i}f(x) + a_{i}f(x) + a_{i}f(x) = 0,19$ $f(s) = a_{i}f(x) + a_{i}f(x) + a_{i}f(x) = 0,14$ b) by falsy readonce or both sodes are pet (2) = f(0) - titists = 9.81

Rollan G & Aller) = Ke = XI Ker + XIXE I + EE NUNLOGE In order to be Statlonory, Mercuts of the characteristics polynoused AR(V), have to be greater from I, in one other wolfs. dieraterfor Polywood Corresponding he holden (1/6) 1-912-022 - 9 (21 = =0 きりし = サイトメルナリムア prassice (; We regard 17,131 and 151 12 =) (7e-t21)1 16 2 21 = (x, - [x, +4az]) = 1 (=) (=) (-1,1), Now Yule-Walker land 1,ph) Ly | the.Z. YN: 1 = Tx more explaintly fill = xifth-i)+onf(h-2) muling by for = p(1) - xn + xn-p(1) p(h)=drp(h-1)+aip(h-r) =) p(1) = ord p(1) = fer ear From 1 par | 6 1 we get | an | 61 (2) -1 + x 2 (0) 11-

Cost_-d1=1) and d, to get widely smeed to get widely For X2 di=1 and x1+d2=1 (=> 1 part = 1 we set 2 = (×1=) Take di = 1-01 we have to exclude fig 4=4 Mill process & the PXt-1+4 =) (1-\$1) Xe = 20 14 de forespe 1-012-0-) 2-1 2) 18/1-1 Problem 2: promo(1,1) = X= 0X=, + E= + OE=, $(1+01)^{-\frac{1}{2}} = (-0)^{\frac{1}{2}} = (-0)^{\frac{1}{2}}$ $X_{\ell} = \left(\sum_{j=0}^{\infty} (-\theta)^{j} S^{j}\right) \left(X_{\ell} - \emptyset X_{\ell-1}\right) = \sum_{j=0}^{\infty} (-\theta) X_{\ell-j}$ - \$\frac{1}{2}(-0)\x+1-j