DL3: PA. WSS. Exercice 1: ) X(n)= a + b Z(n)+ c Z(n-1). · on a E[x(n)] = a = ct. · [2(n+L)2(n) = 52 8(L) done EI ((n+1)-a) (n(n)-a) ]= 6228(1) + 60 028(1+1) +60 028(1-1) +600 on a 6 [(x (n)-a)2] = 62+c162 x + co dors l'avregre celoni d'ac le processes est stationnaire au surso orde a se l'urgo e) X(n) = a+ 2(0). . on a E[XA)] = . a = ctre · [[f(n+1)-a)(xin)-a)] = a2+ 52 8(a) · or = [[(1)] 2] - che 2-10 done ce processos est totalionaire an recordade as sans Curso 3) X(n) = Z(n) Z(n-n) 00 a E[x(n)] = 0 · E [x(n,1)(x(n))] = 528(1) € ((x(4))2) = 52 < + co d'oi ce processes et shetrourer an second d'idre a seus large Exercico 2: on a ) (an, a, a,) = E (nu-an-azu-azni) or direct per reprost en, 4e et az or trove Ca, 21 + a2 En + 0(3 En 2 = 2 2)

a, 21 + a2 En 2 + a3 E 3 E 22

La, 2n + a3 E 13 + a4 E 14 = E 1224 or fore a = Land; A = [x(N-n)] et w= [inn

