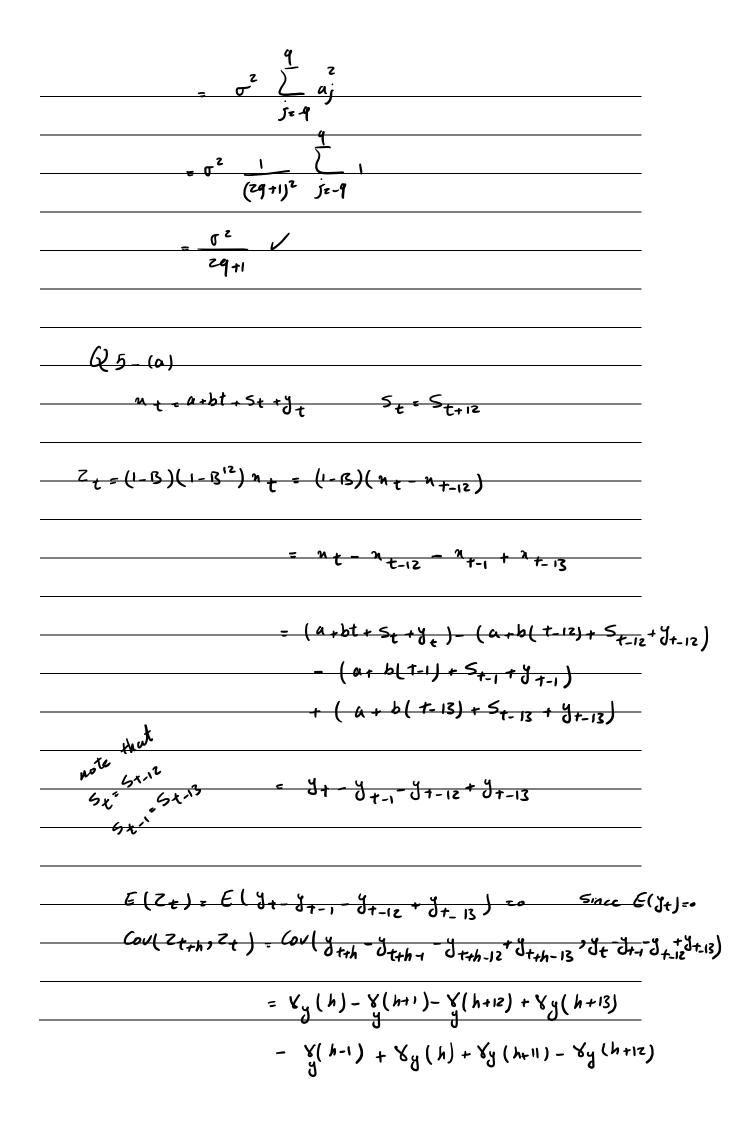
Sample Questions: Part!

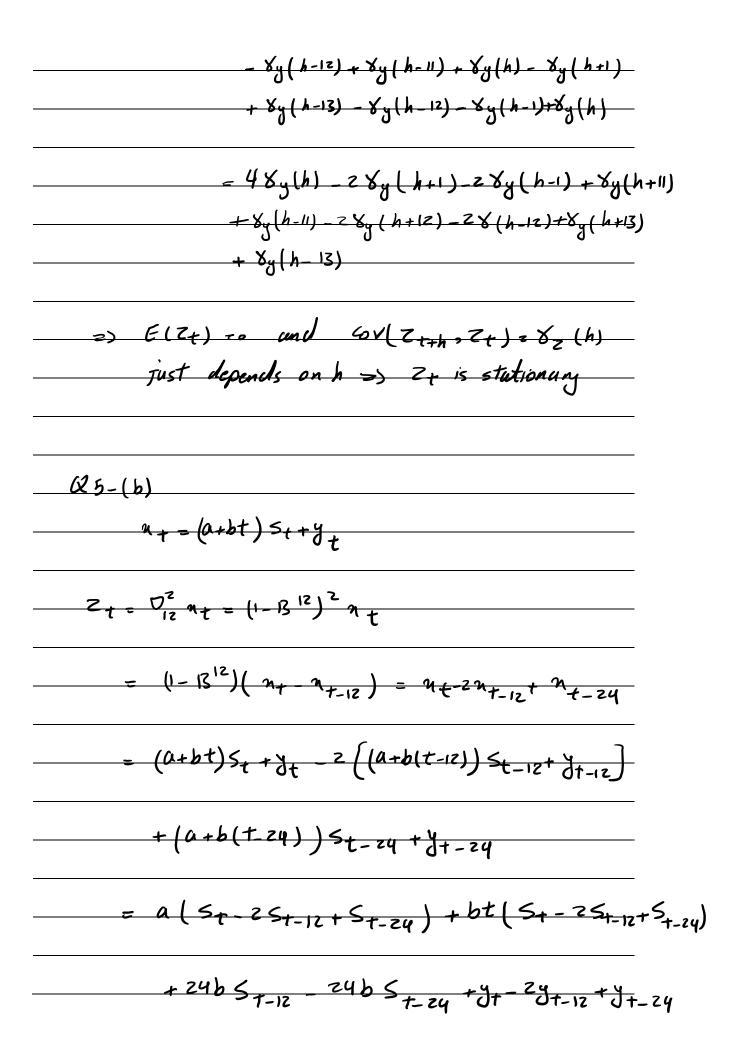
$$\frac{Q_{14}-(a)}{m_{t-1}-c_{0}+c_{1}t} + \frac{show + that}{j=-q} = \frac{q}{j=-q} + \frac{1}{j=-q} + \frac{1}{j=$$

$$\frac{-c_{1}((-q)+(-q+1)+\cdots+(-1)+o+1+\cdots+q-1+q}{o}$$

$$=\frac{1}{2q+1}\left(\frac{(c_{0}+c_{1}t)(2q+1)}{2q+1}\right)^{2}=c_{0}+c_{1}t+\frac{1}{2q+1}$$

$$Q = \frac{Q + (b)}{A_t = \sum_{j=0}^{a} a_j z_{t-j}} = \frac{z_t \sim iid nois(*,0)^2}{z_t = \sum_{j=0}^{a} a_j z_{t-j}} = \frac{z_t \sim iid nois(*,0)^2}{z_t = \sum_{j=0}^{a} a_j z_{t-j}} = \frac{z_t \sim iid nois(*,0)^2}{z_t = \sum_{j=0}^{a} a_j z_{t-j}} = \frac{z_t \sim iid nois(*,0)^2}{z_t = \sum_{j=0}^{a} a_j z_{t-j}} = \frac{z_t \sim iid nois(*,0)^2}{z_t = \sum_{j=0}^{a} z_t = \sum_{j=$$





note that 5+24

St. St. 12 => Z+ = y+- Zy+-12+ y+-24 E(Zt) z E(yt - 2yt-12 + yt-24) COV(Z++h, Zt) = COV(Y++ 24+h-12+ y++-24, 7+-24) = 8y (h) -2 8y (h+12) + y (h+24) 2 8y (h-12) + 4 8y (h) - 28y (h+12) 89(h-24)-28y(h-12)+8y(h) = 6 8y(h) - 4 8y(h+12) - 4 8y (h-12) + 8g (h+24) + 8g (h-24) => E(Z)=0, Cov(Z+h,Z+)= 8z(h) depends just on h -> Zt is stationary