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Total the mean Vector of ETGV]
Problem () a.
                                                             \ z(c(9=04
                                                     : 7(a(6)= exp(0) +exp(lus)+exp(lus) = lug 7(a15)= luge- lug(e0+ elus, lux)
                                                                                  1 der [ ly xo(a13)] = -7(613) = -0.5

3 der [ ly xo(a13)] = -7(613) = -0.5

7 der [ ly xo(a13)] = -7(613) = -0.4

7 der [ ly xo(a13)] = -7(613) = -0.4
                                                        1) 73 | 1 don [ (39 70 (915)] - 1-7 (915) = 1-0-1=0-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           12 ( 3 2 (c(s) - 0.7 0.7 0.7
                                                              万得日(1)=モアカ (シャスの(sx, sx) (vo (mx (sx) (xx))
                                                               R = \frac{1}{2} (Sh, ort) = r(S, a) + r = \frac{1}{2} P_{SS} \cdot \sqrt{(S - terrinal)} = r(S, a)
                                                                が E[ Gu] = Ta(a)s)[r(sa)x Volg た(a)s)] + Tho(b)(s)[r(sh) x Volg た(b)s)] + 取(c)(s) (v(s,c) ~ Volg To(c)s)]
                                                                                                                                           = 0.11 \times \begin{bmatrix} 0.9 \\ -0.9 \end{bmatrix} + 0.5 \times \begin{bmatrix} 98 \times \begin{bmatrix} -0.1 \\ 0.5 \end{bmatrix} + 0.4 \times \begin{bmatrix} 95 \times \begin{bmatrix} -0.1 \\ 0.6 \end{bmatrix} \end{bmatrix}
                                                                                                                                           Find the Covernance Motins of OV
                                                               Since E[\overline{JV}] = \begin{bmatrix} 0.3 \\ 0.5 \end{bmatrix}, and (\overline{JV} \land \overline{JV}) \land \overline{JV} \land \overline{JV
                                           80-1 (2.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) = (1.02) 
                                             ~ F[60-E[60])(50-E[61])
                                                = 0,1 x [89.7] -50,5,39.2] + 0,5x [-10,1,485,-38.4] + 14x [-9.8] [-9.8.-48.5),8]
                                               = [894.03, -519.75, 284.24]
= [519.75, 262.75, -1843]
-319.75, 262.75, -1843]
= [1843, 222], 219.746
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Problem (2)

Problem 13)

Since only have one state I and Tommal T. so we only visit once Property 1: V(s) = Ps (Rs+V(s)) + PT (RT+VT)

$$7(1-95)V(4) = 95R5 + 97R7$$

$$V(4) = \frac{95}{97}R5+R7$$