$$B_{22} = A_{22} - A_{21} A_{11}^{-1} A_{12}$$

$$COME GACK LATER$$

$$\{3\} \quad B_{11} = A_{11}^{-1} \quad A_{11} = R_{1}^{-1} R_{1}^{-1} = R_{1}^{-1} (R_{1}^{-1})^{-1} = R_{1}^{-1} (R_{1}^{-1})^{-1} = R_{1}^{-1} (R_{1}^{-1})^{-1} = R_{1}^{-1} (R_{1}^{-1})^{-1}$$

$$= \frac{\left(\left(R_{1}^{-1} \right)^{T} \right)^{T} \left(\left(R_{1}^{-1} \right)^{T} \right)}{\left(\left(R_{1}^{-1} \right)^{T} \right)^{T} \left(\left(R_{1}^{-1} \right)^{T} \right)}$$

$$B_{11} = R_{1}^{-1} \left(R_{1}^{-1} \right)^{T}$$

$$+ A_{11} = A_{11} A_{12} \quad R_{12} = -K_{1}^{-1} \left(R_{1}^{-1} A_{12} \right)$$

$$+ A_{11} = A_{12} \quad A_{12} \quad R_{12} = -K_{1}^{-1} \left(R_{1}^{-1} A_{12} \right)$$

prove B21 = A21 R, T R, T given B21 = A21 An-1

prove Bri = Azi Ri Ri An + Ri Fz. siver Bri = Azi Azi An.

towal S/c Ritking And

 $B = \begin{bmatrix} R_1 & 0 \\ A_{21} & R_1 \end{bmatrix} \begin{bmatrix} R_1 & 1 \\ 0 & R_2 \end{bmatrix} \begin{bmatrix} R_1 & 1 \\ 0 & R_2 \end{bmatrix}$