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21a)
$$p(x) = \begin{bmatrix} e^{u+2v} & 2e^{u+2v} \end{bmatrix}$$
 $p(x) = \begin{bmatrix} 1 & 2 \\ 1 & 1 \end{bmatrix}$

$$\frac{3(0) \int u^{2} + v^{2} = 1}{\left((u - 1)^{2} + v^{2} = 1 \right)} = \frac{\int u = \frac{1}{2}}{V - \frac{1}{2}}$$

$$\frac{4(a)}{(u^{2}b^{2}+v^{2})} = \left[\frac{2u}{2v} + \frac{2v}{2v} \right] = \left[\frac{2u}{2v} + \frac{2v}{2v} \right] = \left[\frac{1}{2} + \frac$$

$$X_{1} = X_{0} - 17F^{-1}(X_{0})F(X_{0}) = \begin{bmatrix} 1 \\ 1 \end{bmatrix} - \begin{bmatrix} \frac{1}{2} - \frac{1}{2} \end{bmatrix} \begin{bmatrix} 1 \\ 0 \end{bmatrix} - \begin{bmatrix} \frac{1}{2} \end{bmatrix}$$

$$X_{1} = X_{0} - 17F^{-1}(X_{0})F(X_{0}) = \begin{bmatrix} 1 \\ 2 \end{bmatrix} - \begin{bmatrix} \frac{1}{2} - \frac{1}{2} \end{bmatrix} \begin{bmatrix} 1 \\ 0 \end{bmatrix} - \begin{bmatrix} \frac{1}{2} \end{bmatrix}$$

$$X_{1} = X_{0} - 17F^{-1}(X_{0})F(X_{0}) = \begin{bmatrix} \frac{1}{2} \\ \frac{1}{2} \end{bmatrix} - \begin{bmatrix} \frac{1}{2} \\ \frac{1}{2} \end{bmatrix} - \begin{bmatrix} \frac{1}{2} \\ \frac{1}{2} \end{bmatrix} = \begin{bmatrix} \frac{1}{2} \\ \frac{1}{2} \end{bmatrix}$$

$$X_{2}=X_{1}-DF^{-1}(X_{1})F(X_{1})=\begin{bmatrix} \frac{1}{2} \\ -\frac{1}{2} \end{bmatrix} \begin{bmatrix} \frac{1}{2} \\ -\frac{1}{2} \end{bmatrix} \begin{bmatrix} \frac{1}{4} \\ \frac{1}{4} \end{bmatrix} \begin{bmatrix} \frac{1}{2} \\ \frac{1}{2} \end{bmatrix}$$

$$\frac{\langle x_1 = x_2 - A_2 | F(x_2) = [1] - [1] - [1]}{\langle x_1 = x_2 - A_2 | F(x_2) = [1] - [1] - [1]} = [0]$$

$$A_1 = A_0 + \frac{CF(X_1) - F(X_0) - A_0(X_1 - X_0)}{(X_1 - X_0)^7(X_1 - X_0)} = \begin{bmatrix} 1 & 0 \\ -1 & 1 \end{bmatrix}$$

$$\frac{1}{X_2-X_1-A_1} = \begin{bmatrix} 0 \\ 1 \end{bmatrix} = \begin{bmatrix} 0 \\ 1 \end{bmatrix} = \begin{bmatrix} 0 \\ 1 \end{bmatrix} = \begin{bmatrix} 0 \\ 0 \end{bmatrix}$$

$$A_{2}=A_{1}+\frac{[F(X_{2})-F(X_{1})-A_{1}(X_{2}-X_{1})](X_{2}-X_{1})^{T}}{(X_{1}-X_{1})^{T}(X_{2}-X_{1})}=\frac{1}{[-1,1]}$$



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$$\frac{6(a)}{x_{1}-x_{0}} = \frac{1}{3} - \frac{1}{3} -$$