Let
$$E_i = E_{X,Z} RD \cdot Z$$
 and $E_0 = E_{X,Z} RD \cdot RD \cdot Z$
 $C \cdot C \cdot F \cdot C \cdot F \cdot F_0 \cdot F_$

$$\frac{dJ}{de} = E_{1}\left(\frac{P(X,Z)}{P(X,Z)} + P(X)P(Z)\right) + E_{2}\left(\frac{P(X)P(Z)}{P(X,Z)} + P(X)P(Z)\right)$$

$$\frac{dJ}{de} = E_{X,Z} - (RXI) + E_{X,Z} - P(X)P(Z)$$

$$= \int \left(\frac{P(X,Z)}{P(X,Z)} + \frac{P(X)}{P(X)} + \frac$$

2)
$$L(Mo) = \int dxdy P(x,y) (x - M(y))^{2}$$

 $L(M\phi) = E_{x,y} - P(x,y) (x - Mo(y))^{2}$
 $\frac{dL}{d\phi} = 0 = E_{x,y} (2(x - Mo(y)) \circ - (\frac{dMo}{d\phi})) Correct of Since = 0$
 $Mo(y) = E_{x,y} - P(x,y)(x) = \int x P(x,y) dydx$
 $E(x,y)$

Mary) = Ecxly)