Ho: 
$$0 \in \mathcal{O}_0$$
,  $H_1$ :  $0 \notin \mathcal{O}_0$ 
 $X_1, \quad X_n \in F(0)$ 

$$f(X_1, \dots, X_n) = \hat{0}$$

$$L = P(nymnum HolH_1)$$

$$S(0) = \frac{\partial \log L(0)}{\partial 0}$$

$$J = E(\frac{\partial \log L(0)}{\partial 0})^2$$

$$J = -E(\frac{\partial \log L(0)}{$$

$$\sqrt{n} = \frac{(p^{-1}(a + q^{-1}(1-b)))(6x + 6x)}{MQE}$$

$$\frac{MQE}{f(X) > a} \qquad H_0: B > B_0, H_1: B = B_0$$

$$P(f(X) > a | B > B_0) = A$$

$$P(f(X) \le a | B \le B_0) = B$$

$$CVPED$$

$$E(\hat{a})_{s} = 0$$

$$\hat{\theta}_{cup} = \hat{a} - i\hat{\theta}_{a}, E(\hat{a})_{s} = 0$$

$$P(\hat{\theta}_{cup}) = P(\hat{a}) + P(\hat{a}_{a}) - 2 Cov(\hat{a}, \hat{a}_{a})$$

$$P(\hat{a}_{cup}) = P(\hat{a}) + \alpha^{2} P(\hat{a}_{a}) - 2 Lcov(\hat{a}, \hat{a}_{a})$$

$$2 L P(\hat{a}_{a}) - 2 Cov(\hat{a}, \hat{a}_{a}) = 0$$

$$L = \frac{cov(\hat{a}, \hat{a}_{a})}{P(\hat{a}_{a})}$$

$$\hat{\theta}_{cup} = \hat{a} - \frac{cov(\hat{a}, \hat{a}_{a})}{P(\hat{a}_{a})} \cdot \hat{\theta}_{a}$$

0,2 0,f 180 170



