1) Expectations

Model -> Y = fcx) + E

=> 
$$\frac{f(x)-f(x)}{f(x)-f(x)}$$
 and =  $\frac{[((1-f(x)-f(x))/f(x)]}{[(1-f(x)-f(x))/f(x)]}$ 

$$= \sum D_{i} \stackrel{\text{deforms and is }}{\sum} \left[ \left( f(x) - f(x) \right) \stackrel{\text{deforms }}{\sum} \left[ f(x) - f(x) \right] \right] \times \left[ \left( f(x) - f(x) \right) \stackrel{\text{deforms }}{\sum} \left[ f(x) - f(x) \right] \right] \times \left[ \left( f(x) - f(x) \right) \stackrel{\text{deforms }}{\sum} \left[ f(x) - f(x) \right] \right] \times \left[ \left( f(x) - f(x) \right) \stackrel{\text{deforms }}{\sum} \left[ f(x) - f(x) \right] \right] \times \left[ \left( f(x) - f(x) \right) \stackrel{\text{deforms }}{\sum} \left[ f(x) - f(x) \right] \right] \times \left[ \left( f(x) - f(x) \right) \stackrel{\text{deforms }}{\sum} \left[ f(x) - f(x) \right] \right] \times \left[ \left( f(x) - f(x) \right) \stackrel{\text{deforms }}{\sum} \left[ f(x) - f(x) \right] \right] \times \left[ \left( f(x) - f(x) \right) \stackrel{\text{deforms }}{\sum} \left[ f(x) - f(x) \right] \right] \times \left[ \left( f(x) - f(x) \right) \stackrel{\text{deforms }}{\sum} \left[ f(x) - f(x) \right] \right] \times \left[ \left( f(x) - f(x) \right) \stackrel{\text{deforms }}{\sum} \left[ f(x) - f(x) \right] \right] \times \left[ \left( f(x) - f(x) \right) \stackrel{\text{deforms }}{\sum} \left[ f(x) - f(x) \right] \right] \times \left[ \left( f(x) - f(x) \right) \stackrel{\text{deforms }}{\sum} \left[ f(x) - f(x) \right] \right] \times \left[ \left( f(x) - f(x) \right) \stackrel{\text{deforms }}{\sum} \left[ f(x) - f(x) \right] \right] \times \left[ \left( f(x) - f(x) \right) \stackrel{\text{deforms }}{\sum} \left[ f(x) - f(x) \right] \right] \times \left[ \left( f(x) - f(x) \right) \stackrel{\text{deforms }}{\sum} \left[ f(x) - f(x) \right] \right] \times \left[ \left( f(x) - f(x) \right) \stackrel{\text{deforms }}{\sum} \left[ f(x) - f(x) \right] \right] \times \left[ \left( f(x) - f(x) \right) \stackrel{\text{deforms }}{\sum} \left[ f(x) - f(x) \right] \right] \times \left[ \left( f(x) - f(x) \right) \stackrel{\text{deforms }}{\sum} \left[ f(x) - f(x) \right] \right] \times \left[ \left( f(x) - f(x) \right) \stackrel{\text{deforms }}{\sum} \left[ f(x) - f(x) \right] \right] \times \left[ \left( f(x) - f(x) \right) \stackrel{\text{deforms }}{\sum} \left[ f(x) - f(x) \right] \right] \times \left[ \left( f(x) - f(x) \right) \stackrel{\text{deforms }}{\sum} \left[ f(x) - f(x) \right] \right] \times \left[ \left( f(x) - f(x) \right) \stackrel{\text{deforms }}{\sum} \left[ f(x) - f(x) \right] \right] \times \left[ \left( f(x) - f(x) \right) \stackrel{\text{deforms }}{\sum} \left[ f(x) - f(x) \right] \right] \times \left[ \left( f(x) - f(x) \right) \stackrel{\text{deforms }}{\sum} \left[ f(x) - f(x) \right] \right] \times \left[ \left( f(x) - f(x) \right) \stackrel{\text{deforms }}{\sum} \left[ f(x) - f(x) \right] \right] \times \left[ \left( f(x) - f(x) \right) \stackrel{\text{deforms }}{\sum} \left[ f(x) - f(x) \right] \right] \times \left[ \left( f(x) - f(x) \right) \stackrel{\text{deforms }}{\sum} \left[ f(x) - f(x) \right] \right] \times \left[ \left( f(x) - f(x) \right) \stackrel{\text{deforms }}{\sum} \left[ f(x) - f(x) \right] \right] \times \left[ \left( f(x) - f(x) \right) \stackrel{\text{deforms }}{\sum} \left[ f(x) - f(x) \right] \right] \times \left[ \left( f(x) - f(x) \right) \stackrel{\text{deforms }}{\sum} \left[ f(x) - f(x) \right] \right] \times \left[ \left( f(x) - f(x) \right) \stackrel{\text{deforms }}{\sum} \left[ f(x) - f(x) \right] \right] \times \left[ \left( f(x) - f(x) \right) \stackrel{\text{deforms }}{\sum} \left[ f(x) - f(x) \right] \right] \times \left[ \left( f(x) - f(x) \right) \stackrel{\text{$$

$$= \sum_{x \in \mathbb{Z}} \left[ \sum_{x \in \mathbb{Z}} (|X - f(x)|_{x}) \right] + \sum_{x \in \mathbb{Z}} (|X - f(x)|_{x}) = \sum_{x \in \mathbb{Z}} (|X - f(x)|_{x}) + \sum_{x \in$$

=> variance = 
$$\sigma_{\epsilon}^{a}$$
 +  $E[(f(x) - f(x))^{a}/x]$ 

$$= E[(\xi)_{,}] = Q = \lim_{x \to \infty} \frac{\partial x}{\partial x} = \lim_{x \to \infty}$$

$$+ 3E \left[ \left( \frac{1}{2} (x) - E \left[ \frac{1}{2} (x) \right] \right) \times \left( E \left[ \frac{1}{2} (x) \right] - \frac{1}{2} (x) \right]$$

$$= 3 \text{ detailite advisor} = 0 = 4 \left[ \left( \frac{1}{2} (x) - E \left[ \frac{1}{2} (x) \right] \right) + \left( E \left[ \frac{1}{2} (x) \right] - \frac{1}{2} (x) \right) \right]$$

$$= 3 \text{ detailite advisor} = 0 = 4 \left[ \left( \frac{1}{2} (x) - E \left[ \frac{1}{2} (x) \right] \right) + \left( E \left[ \frac{1}{2} (x) \right] - \frac{1}{2} (x) \right) \right]$$

2) Covariance

a) Diagonalization Z=V1V

N(0,I) -> N(N,E)

-> N(n, V1V)

· if V/VT= I then 1 = V-1 IV = V-1 = I ...

then is = I

esince distribution is normal (gaussian),

N=O