$MSE = bias^{2} + von$ The MSE of an extinator () , f(0) for 0 = MSE(0) $= E(\hat{0} - 0)^{2} | 0)$ $duis(\hat{0}) = E(\hat{0}) - 0$ $E(\hat{0} - 0)^{2} = E((\hat{0}) - M) + (M - 0)^{2}$ $= E((\hat{0} - M)^{2} + E(M - 0)^{2})$ $= E((\hat{0} - M)^{2} + E(M - 0)^{2})$ $= E((\hat{0} - M)^{2} + E(M - 0)^{2})$

var (0) + bias

2 + 919 = 2 + Dorn = p + Congy + Corn

· MSE (0) = bios (0) + var (0)