



$$E(2(x-E_{e}(x))) = E(E_{e}(2(x-E_{e}(x))))$$

$$= E(Z | E_{e}(x) - E_{e}(x)) = 0$$

$$E((x-Z)^{2}) = (M_{e}(x)^{2}) + E(Z_{e}(x)) + E((E_{e}(x)-Z_{e}(x))) + E((E_{e}(x)-Z_{e}(x)) + E((E_{e}(x)-Z_{e}(x))) + E((E_{e}(x)-Z_{e}(x$$