Foo the equation An= b.  $(O_1)$ an in westike matrix AE IRMXn is is a giver vector. be (R) A 2 = b+ 8b Consider in = n+8x  $A(x+\delta n) = b+\delta b$ A. 8x = 8b. 8x = A" 8b arch Visualising as town 600 mation. (orresponds to mar elongation in 8 b should be in Perturbation vector correctionaling direction of the elongation. navimn (can be derived from A). to