Adama O 14 24 Xis Add A (2x) XW+ yN=2N 2 N/2) 2 1 x to be for humany the aud Ind -2 N x y 1 is number of each type and to 64 & per generation from Ph Rhouses 2 1 × × × × × = = Takel - *N21 (x2y2) + x39} = 0 $\Delta = 2 \times (x+y) - \times (4x+4y) = 4 \cdot 2 \cdot 4x - x \cdot 4x - x \cdot 4y$ (if 0x =07=8 (xM+9N) 28(i-x) 4 xxy = 20(1-x) In souall y Rht belection against

ex = x y MN - Curtatoan 4x+9= 4 21y-xxy+xxy = 21y
-xxy+xxy = 21y 12 4 y N= 25 (1-x) | Small x, 4=2 N= 32 7 2 x 3 3 3 1417 = X R= 10-4; X= 20% $\frac{1}{2} \frac{1}{2} \frac{1}{2} \frac{1}{3} \frac{1}{2} \frac{1}$ for x = 0.2 N = 0.88 40 (1.8) + 7000 5 7 7 (K≈ 104)

dx = 4y - Kx Unhabours 3 1 x = 1 (2 4x - x 4x - x 4y) = 4 (21y - 24x) 1xy+4x+xx 12(kg-kx) = 25(1-x) = 2(kg-kx) ** - X(K+K) = 25(1-K) Octo 1 = 2,22 S(1-X)+4 X 1 = 4×25(2-2×) + KX 2-x) K=2x28(x-1)+x4 V= 32 + Ex242 + x343 Skaff (1.8) 4 + (1.8) 2 + ky K~ 1.5 K= ++ (41 + 8 = 2) = 2104 y = 100