max u(xx,x) ~ x ~ (5-x,x) 4, (10-15) (-1) + 42 (100 x, x) =0 u, (e-x,x)
= = 1
u2(e-x,x) X = x : u, (e, -x, x) = 1 X2 X: u ((e2-x,x) =1 mex p u(e,-x,x) + (-p u(e2-x,d) p[4, le, -x, x) tur (e, -x, x)] + (1-p)(4, (e2-x, x)(-1)+ unler-x, x) } u, (e,-x, x) (-p) u, (e2-x,x) = p u2(e,-x,x) + (1-p) u2(e2-x,x) f(x,p)= pu(e,-x,x)=(1-p)u(ez-x,x) max f(x,p) X6(0,0,] nerse deles 2 lattice V  $\frac{\partial f}{\partial p} = \mu(e_1 - x, x) - \mu(e_2 - x, x)$  $\frac{\partial^2 f}{\partial \rho \partial x} = -u_1(e_1 - x, x) + u_2(e_1 - x, x)$   $+ u_2(e_2 - x, x) - u_2(e_2 - x, x)$ = h.(l2-x,x)- 4,(e,-x,x) + h.p.(e,-x,x)-42(e2-x,x)

h. (e2- x, x) = 41(e1 7x, x) if \$ 41, 40 4 x (ex- > > > ) & 4 2 (ex- >> >) m protecular, XX(0): St for conte XX(p) for pe(0,1) XX(1): \$10 for certain Statement aut cros dains (0,0,10)~(x(0),0,0) (0, x,00) ~ (x(10), x,0) 4:? 19: X = ars ~ (0, 10-x) 6, x, 10-x)~(x(p)-x, x, o) (b: x16-60, x(s)] ("(x(10)-x, x, 0)

Pu(0, son X, (0-x) + (1-p)u(0, x,5-x) X(p) ing max XG(0,5] Pu(x(10)-x, x, 0) + (-p) (x(10)-x, x,0) 26 = x \* (p) = ars max x & [0, X(5)] Nometralense If CACI PERCENT ROMEDON 12 (0,0,5)~ (X(5),0,0) (0,5,0)~ (X(8),0,0) (0,0,0)~ (x(0),0,0) (0, (0,0) ~ ( X (10),0,0) dosque la: Clasself Salerence (lb); certian ty (0,5,4)~ (0,0,4(5)) (x/2,0)~ (x(2)0,0) (6, 140) - (0, 0, Y (10)) (0,00,0) ~ (x(w),0,0) (1): A TONG (0, 4,0) ~ { (0,5,0) + (1-1) (0,10,0)

ando

(0,84),0) ~ 2(0,0,7(0))+ (1-2) & (0,0,7(5))

A 26(...)

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