prop 3 6.1 has $p \cdot \nabla I = \frac{\partial e(p, \nabla)}{\partial P_n}$

pups L2 in Ophopits = Opeopits

Dp hop. D) is n.s.d

(iii) by hop, to is symmetric

(1) Dphop. 0) P = 0

prop 2.6.3 atex = are (P.W) Xx (P.W) Xx (P.W)

3.64 Rogis identity : Ne(P, w) = - 2V(P, w)/ON

u(a,a) = npm1-x, d = (0,1)

UMP: $\alpha_1 = \frac{dW}{p_1}$ $\alpha_2 = \frac{(r-d)W}{p_2}$

EMP: hi = (Id Pi) to hi= (Id Pi) u =) e (p, u) = Pi Pi du (Fa) to

 $D_{p} h(p, u) = \begin{cases} \frac{p_{1}^{d-1} p_{2}^{1-d} u (\alpha - 1)}{\alpha^{d-1} (1-\alpha)^{1-d}} & \frac{p_{1}^{d-1} p_{2}^{1-d} u}{\alpha^{d-1} (1-\alpha)^{1-d}} \\ \frac{p_{1}^{d-1} p_{2}^{1-d} u}{\alpha^{d-1} (1-\alpha)^{1-d}} & \frac{p_{1}^{d-1} p_{2}^{1-d} u}{\alpha^{d-1} (1-\alpha)^{1-d}} \end{cases}$

Check them by myself.

#204
$$W^{\circ}=150$$
 $P_{1}=P_{2}=1$ $\widehat{W}=150$ $\widehat{P_{1}}=1$ $\widehat{P_{1}}=2$

Wouldn't mind moving if when he moved he gets a raise of B. $(p^o, w^o) \sim^* (\hat{p}, w^o + 13)$ (1)

Having to move is as had as a rut of salary in the pay of A

(po, wo-A) ~ (po, w) 12)

$$\frac{W^{\circ}}{P_{1}+P_{2}} = \frac{W^{2}+B}{\widehat{R}+\widehat{R}} : B = 75$$

$$\frac{W^2-A}{p_1+p_2}=\frac{W^0}{\widehat{p}_1+\widehat{p}_2}\qquad A=50$$

Midterm #2. (Hugo's solution)

god 1 & god 2 , Ann , Bob

O Satisfy Walters law.

@ PI=Pa, demond all of the bundle on the broget duration

(a) P1 = P2. Ann chooses expensive good 7 behavior is ansistant?

(6) Pi+P2, Dob choses cheaper good.

sol) (a) Suppose Ann is maximizing over some utility Ameting then, her choice behavior should satisfy WA.

ZAMA transitive => Cx() saturales WA.

Consider Bepius with PI=P2

(Bépius with PI<P2

MEC(B(PI=PS, W))

ME C (B'CPKP2, W)

80th or, or & Brpin and 15'(pin)

Therebre. RIEC(B(PIZP2, W)) By WA.

but it failed WA.