On
$$V_1 = W_0 + kA \log(1 + e_1 + e_2) - e_1$$

8. Mox $V_1 = W_0 + kA \log(1 + e_1 + e_2) - e_1$
 $\frac{\partial V_1}{\partial E_1} = \frac{kA}{1 + e_1 + e_2} - 1 = 0$ (See to 0 to offinize)

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d If we maye the uniting of the 4 = 2 ho +2 kA log (1-e,+e2) - (e,+e2) maa umaye dunege = 2 kA (Set to 0 to maximus) de, 12 e, +e2 2k4 = 1 1e, 1ez 9, e2 = 2leA-1 Torse with the Noh equilibrium, en rez = Ren-1 Just, reged = 2 No + 2 left log(2+ BA =1) - BA +7 Unerged = 2 Wo + 2 k A & log (2 k A) - 2 k A + 1 Umegal - Unon, neged - (2 kA log (2kA) - loA) - 2 kAlog (BA) = 2kA by(2) + 2kAloy(kA) - kA - 2ks by(B) = 2kA fog (e) - kA = k4 (log(i)-1) = RA fog (4/e) >0 Be cause for >7 and 10g(4/e) \$ 0.30 So Umegod > Umegoe, Nah so the

the workers can obtain a higer obling. (3) R= PF F(B) - PF 4 P. that mean that People will sent Book UNIII Profits are 0 130 0111 PF F(B) PF4 = 0 PF (F(E) 1)=6 Pe=0 V F(b) b = 4 F(b) So until ethe the Price of Fish is zero or amount of Fish Cought. The However, the olso means that everyly, everyone will make D C mas re = PF F(B) - 1 Pr B 0 = 2 = PE E'(A) - PE (Sef to 0 to movinize) PE = 0 V F'(6) = 4 & it will continue sending out Port brill the amount of extra Fish cought is i and tou. d. Profile will be marghized so it is the Parks exercise. Compared to the decemented rate, everyon will have sending out the Burn will Profits are Desor will the profit and go to this Pareto-efficient rate, it would be a Pareto-inflowing. everyone would be better OFF.

