```
Biolotical trade
   v. E Ly, EJ ~ FCV) gcv)=Fcv)
   C. E [E, ] N GCO) gC, = G(c)
    (lowest cost, highert cost)

C = V = 0 C = V = 1
 A direct machinism is a pair of function
        p:[0,1]\times[0,1] \Rightarrow [0,1]
       t 11 >R pcc, v) = prob that asset given to b
                         t(c,v) = experted transfer to seller c.
  Truthtelling is a dominant strategy equilibrium in machanism (p(c,v), t(c,v))
      Job. VP(C,v) = tP(C,v) \equiv VP(C,v') - tP(C,v') \forall v', \forall v, \forall c.

tem the truth and get \iff lie and get.
      Ics tpcc,v)-cpcc,v> > tpcc',v)-cpcc',v)
                                                                  VC, VC, VV.
              vpcc,v)-tcc,v) >0 (cannot be neg (worth off). Y(c,v)
                                                                    7CIV)
               t(c,v) - cp(C,v)>0.
(L_1) p(c,v) = 0 \Rightarrow t(c,v) = 0.
  Restrict attention to determinantic mechanism P(CV) = 0 or PCCV = 1.
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