Bolotical trade under asymatic info
valuation are private info
undirect machanism
direct machanism (special type of
· truthtelling is a dominant strategy.
reveluation principle
- incentive and IR cts => region in (C,V) space where
3 Lenna trade ours with NODI, all traders
Trade ours with prob1, all traders with prob1, all traders must trade at same price
Λ
have bound freder there?
have don't to
F(v) = V
Gcc)=c surplus Second best => max expect gains from trade Lose half of all off trades.
Second best => max expert gains from trade
love half of all off trades.
why can't get the first best?
depend on rep
t(c,v) has to he power on price traders have power on price => want to he. (VV, c1)
=> want to he. (VV, C)) => lose trades

traders have information of market power. Seller: M=1 — seller's cost is known = C $[\underline{V}, \overline{V}]$ $\overline{V} > \underline{V}$ buyers' valuation are independently destributed. identically. Fiv) = common distribution function for over valuation F'(v) = f(v) f(v) >0 anywhere on $[V, \overline{V}]$ V > C comman knowledge that gains from trade for m trades are >0 sefficiency - good should go the higheste valuation buyer. L'experted revenue strategy space for buyers is to be submit a bid (real number) as a function of the vector of submitted bid.

the rule of auction determine who gets the good. and what everybody pays. > static auctions

sealed bid. I

dynamic auction ascending tod auction (English)

(know opponents achuation as processing)

Strategy: which time to up

bid: not go up out --- (money) and drop offs descenting bid auction (Dutch)