Homework 2 1·12家企业专利博弈。 $\pi i = \begin{cases} V - xi & \text{N} & T(xi) < Min \left(T(x-i)\right) \\ \frac{1}{2} - xi & \text{if } T(xi) = T(xi) < Min \left(T(x-i-j)\right) \end{cases}$ $\pi i = \begin{cases} \frac{1}{2} - xi & \text{if } T(xi) = T(xi) < Min \left(T(x-i)\right) \end{cases}$ 当N指大时,MXI减小、这意味着企业均沟军水中更高概率投入更多的资金进行研发、 2. NA企业 Ø=9,+9+--9v , P(D)=120-Q Ti= 2: (120-8,-92---- 2: - 2:01 - 2w) = 1209i - 2i2 - 2i · (2+ 2r +-.+ 2i-1+ Pi+1+ ··· 2N) FOC: 120-28i - (Q-Ei) =0 => 9; = 120 - Q \(\frac{\nabla}{2} \frac{\nabla}{2} = 1\frac{\lambda}{\lambda} \lambda \frac{\lambda}{\lambda} \righta \frac{\lambda}{\lambda} = 120N - NR $\Rightarrow Q = \frac{120/V}{|V+1|} \Rightarrow \hat{Q}_i = \frac{120}{|V+1|}$ 对称的混合军农场衔是所存企业选择生产 (20) N.拆加, 均衡产量减小

