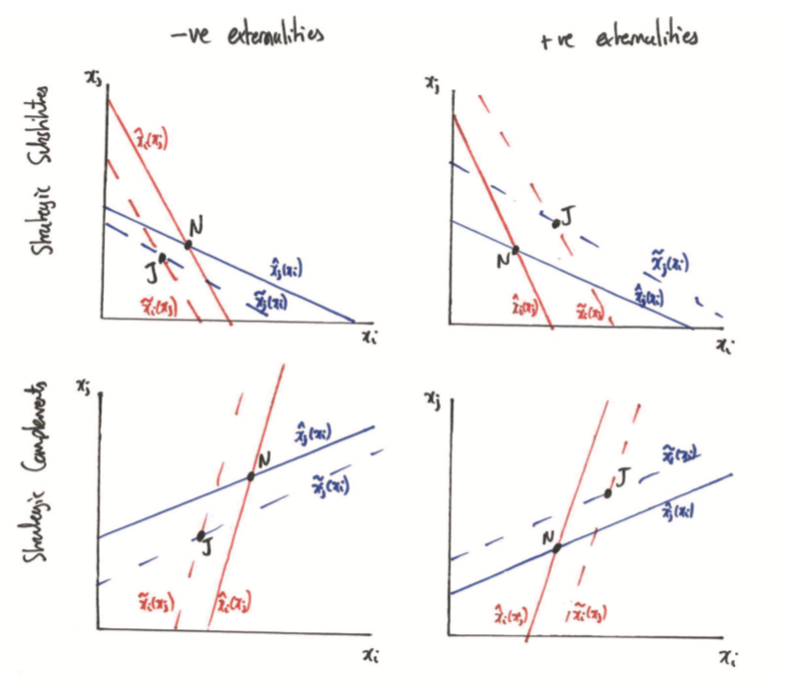
**5.5: Nash Equilibrium vs. Optimum**

* w/ **Positive Externalities**
  + {}
  + So for Social Planner {}
  + So:
* w/ **Negative Externalities**
  + {}
  + So for Social Planner {}
  + So: