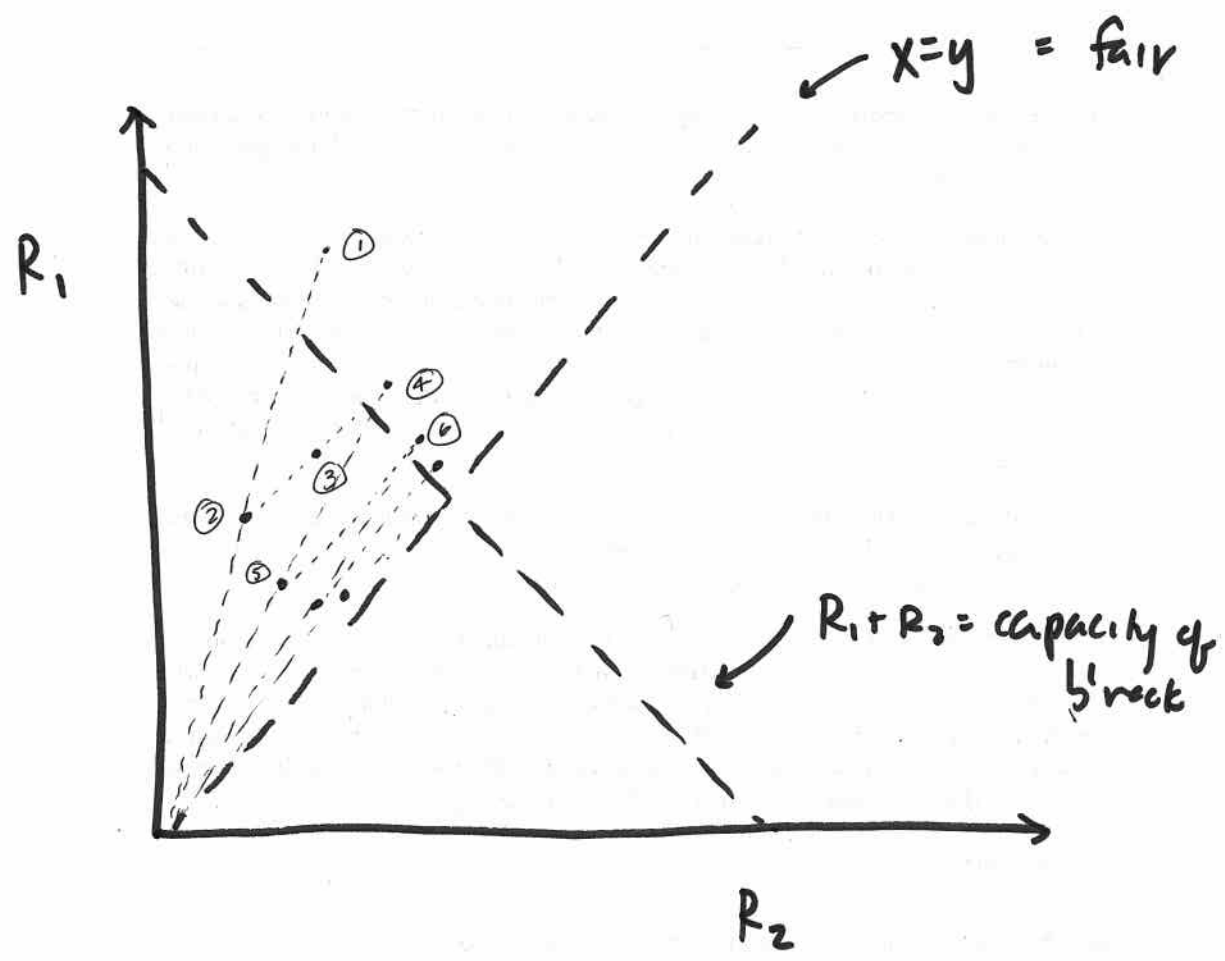


2.829 - DIAGRAM 1

Scenario: Two sources sharing a bottleneck of cap c , infinite demands



- ① Start
- ② 1 was above efficiency, so both srcs decrease by $\frac{1}{2}$
- ③, ④ Additive increase (potentially step ② were points along the way)
- ⑤ Multiplicative decrease
- ⑥ Additive increase

Etc.

Eventually, we end up on the fair line, & so our increase and decrease end up on the same slope. So we stabilize around the fairness/efficiency point