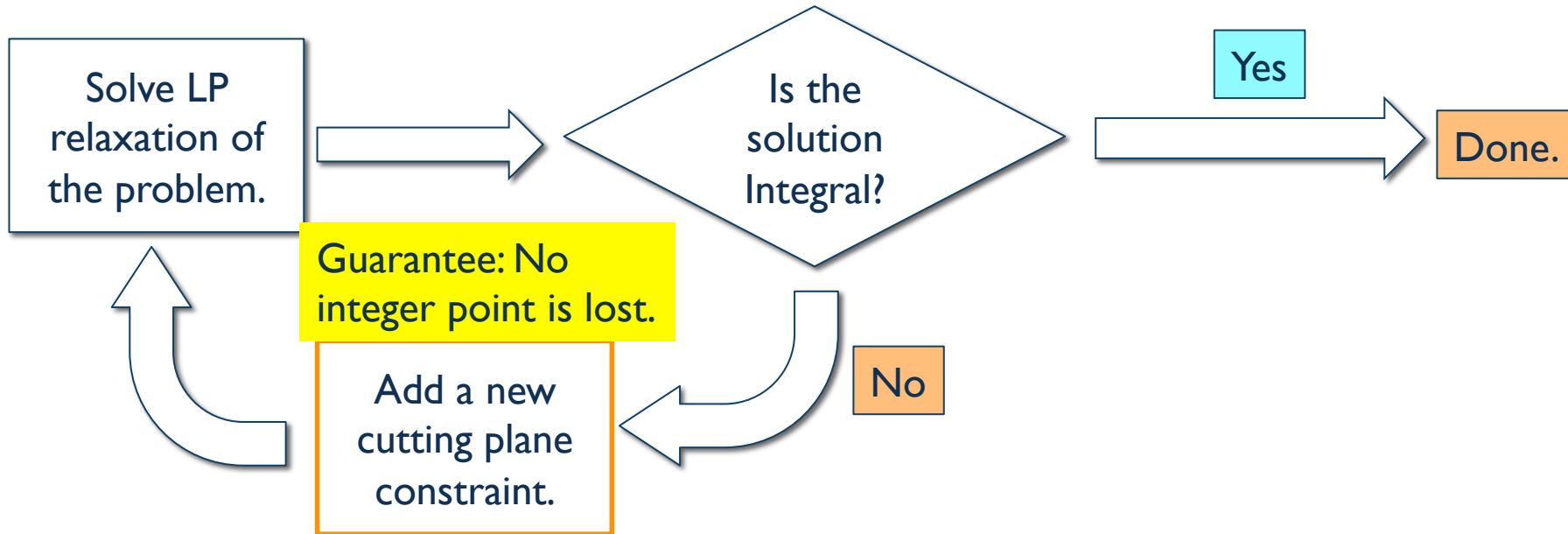


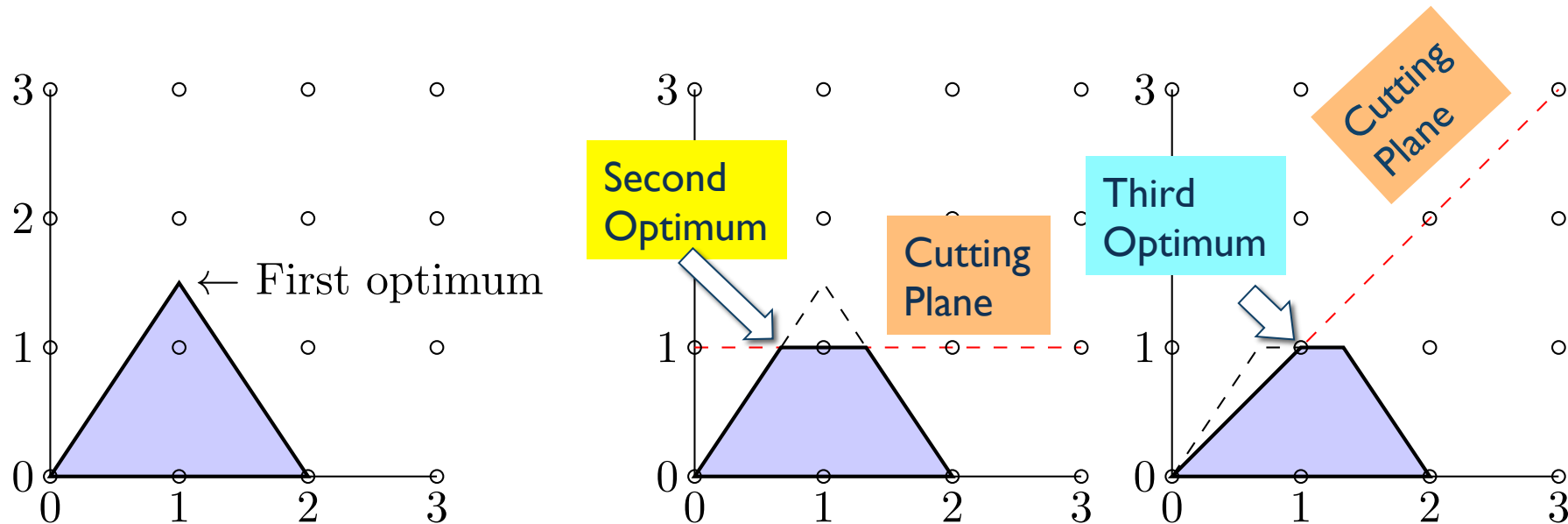
CUTTING PLANE METHOD

Part 2: Gomory-Chvatal Cuts

Overall method



Cutting Plane Visualization



Idea: cutting plane attempts to successively “expose” an integer optimal vertex.

Cutting Plane Method

- Deriving the Cutting Plane
 - Gomory-Chvatal Cuts
- Integrating the method inside Simplex.
 - Using the dual dictionary to avoid initialization phase Simplex.