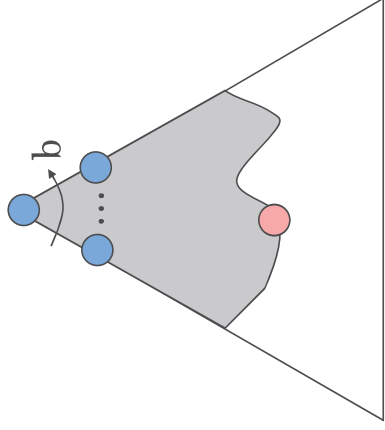


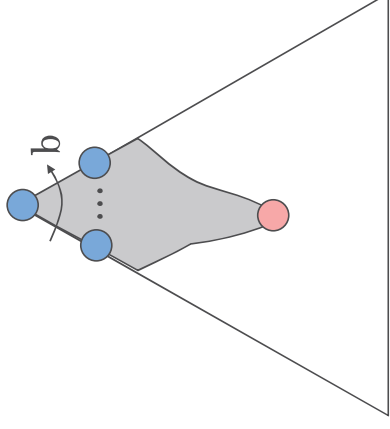
# Properties of $A^*$

---

Uniform-Cost



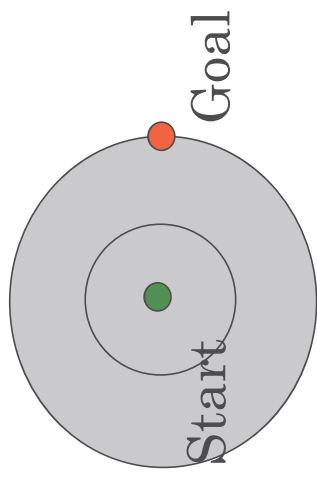
$A^*$



# UCS vs A\* Contours

---

- Uniform-cost expands equally in all “directions”



- A\* expands mainly toward the goal, but does hedge its bets to ensure optimality

