## MATH 181 F1 Worksheet: Newcomb's Paradox

Set up a payoff matrix for Newcomb's Paradox.

| Alien |  |  |  |  |
| ---: | :--- | :---: | :---: | :---: |
|  |  | Box 1 | Boxes 1 and 2 | min |
|  | Bou 1 |  |  |  |
| Boxes 1 and 2 |  |  |  |  |
| $\max$ |  |  | - |  |

What is the best decision for you?

What happens if both boxes are transparent?

Explain how Parfit's hitchhiker problem is similar to Newcomb's Paradox with transparent boxes.

