

Answers without explanation

This is not a confirmed version. I need to discuss with others.

1998 Fall 3. Mechanism Design

When $C \leq 40$ or $C \geq 50$, there is such a mechanism.

When $50 \leq C \leq 70$, the project is undertaken only if McDonnell Douglas reports unsuccessful, regardless of Lockheed's report. In this case, only McDonnell Douglas pays the whole cost and Lockheed doesn't pay anything. When $C \leq 40$, the project is undertaken if at least one firm reports unsuccessful. When $70 \leq C \leq 120$, the project is undertaken only if both firms reports unsuccessful. When $C \geq 120$, the project is never undertaken. In the above three cases, a firm is charged (1) fully if the project is undertaken and it is the only firm who reports unsuccessful, and (2) in proportion to benefit if the project is undertaken and both report unsuccessful.

1998 Fall 4. Repeated Games

(a) 52 following (D,R),(D,R) and (U,C)

(b) 39 following (D,R),(U,C) and (M,L) and using (D,R) and (M,L) as a punishment if ROW deviates in the 1st period.