
INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR
Algorithmic Game Theory 2021-22: Second Class Test

Date of Examination: 25th September 2021

Duration: 20 minutes (for writing answers) + 5 minutes (for taking photos, concatenating, and uploading to moodle)

Subject: CS60025 Algorithmic Game Theory

The last digit of your roll number from right be d .

$$A = \begin{bmatrix} d+2 & d+3 \\ d+4 & d+1 \end{bmatrix}$$

Write the row and column players' linear programs for the above matrix game given by A . Also compute all MSNEs of the above matrix game.

[5+5 Marks]