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

Date of Examination: 23rd October 2021

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

Subject: CS60025 Algorithmic Game Theory

Prove or disprove the following with explanation.

- (i) An exact (not approximate) correlated equilibrium of a bimatrix game can be computed in polynomial time.
- (ii) Conclude from (i) that an MSNE of a bimatrix game can be computed in polynomial time.

[5+5 Marks]