

SI The proposal to represent a two player game is a follows:

The first line Should Ontain two numbers N, M where N denotes the number of stategies of player I and m denotes the number of stategies of player 2.

The next line should be left empty.

The next N lines contain on space separated integers sach.
The job number of the im line represents the utility of
player I when the player I plays strategy i and player 2
plays strategy j.

The next line should be left empty.

The next 1 live Contain 11 Space Departed integers each.
The jth number of the ith live Sepresents the whiling of
player 2 when the player I plays the strategy i and player 2 plays Mantegy ; .

\$4 The utility materix is as shown; Player 1, Player 2 Steatery 1 Strategy 2 Statyy 3 Statey 1 2,12 2,0 2, 1 Strategy 2 13,0 1, 1 4,1 Steategy 3 T3), TI 1, [1, 11 the boxed volves of a player correspond to the best responses of the player when the stategy of the Other player is fixed. are pest sesponses for was both the players are the pash equilibria. Thus for the above game, the nosh equilibria Planyer 1 planys Skategy 3 and Planyer 2 planys Stategy 1 Planyer 1 planys Stategy 2 and Planyer 2 planys Stategy 2