SUCCESSIVE APPROXIMATION METHOD IN MATRIX GAMES.

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ABSTRACT. Let X Banach space and A be a linear operator from X to X. Successive Approximation Method (SAM) is a method used commonly solution of equation specified as $x = Ax$. and SAM is used in finding solutions of linear equation systems. Besides, in matrix games payoff of players can be specified in the form of linear equation systems. After we solve $n \times n$ linear equation systems with the help of SAM, we obtain solution of the game and mixed strategies of players.

References

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