Paolo Cubiotti, Giorgio Nordo On generalized games in H-spaces

Comment.Math.Univ.Carolinae 40,1 (1999) 175-180.

Abstract: We show that a recent existence result for the Nash equilibria of generalized games with strategy sets in H-spaces is false. We prove that it becomes true if we assume, in addition, that the feasible set of the game (the set of all feasible multistrategies) is closed.

 $\mathbf{Keywords:}\ H\text{-spaces, generalized games, Nash equilibria, }H\text{-convexity, open lower sections, fixed points}$

AMS Subject Classification: 90D10, 90D06