

## Value Bounded Approximations for Nash Equilibria

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### ABSTRACT

The aim of this paper is to give, for Nash equilibria, a well posedness which is an ordinal property. This notion is very important for games because it emphasizes the fact that player's decisions are expressing by preferences and not by a special choice of utility function. We show that the ordinal property of this well-posedness is due to consider value bounded approximate equilibria.

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