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The Minimax Inequality Inequality and Applications to Fixed Points, Nash Equilibrium Points and Some Links for Problems of Financial Mathematics in the Practice. Preliminary report.

In this talk, taking Ky Fan minimax inequality principle as starting point, I will discuss applications to fixed points, Nash equilibriums points and the links to the problems in options' valuation (such as American type option) for problems of mathematical finance raised in the practice. (Received August 09, 2006)