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摘要　　对Ky Fan点问题定义了理性函数，证明了大多数的KyFan点问题(在Baire分类意义上)都是结构稳定的, 对ε-平衡也都是鲁棒的.作为应用,还给出了Nash平衡问题和变分不等式问题的稳定性结论.

关键词　　有限理性,Ky Fan点问题, 稳定性.

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Bounded Rationality and Stability of Solutions of Some Equilibrium Problems

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Abstract In this paper, first rationality functions for Ky Fan's points problems are defined, and then it is proven that most of the Ky Fan's points problems (in the sense of Baire category) are structurally stable and robust to ε-equilibria. Finally, as applications, the stability results on Nash equilibrium problems and variational inequality problems are given.

Key words Bounded rationality　Ky Fan's points problems　stability.

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