

報告要旨

セッション：数理経済学

On the existence of "weak equilibrium" without ordered preferences, nonsatiation or free disposal

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Abstract

Weak equilibrium is an extended notion of competitive equilibrium, where consumers are required to maximize their preferences on the budget sets defined by an equality constraint instead of the standard inequality constraint. In this paper, we concentrate on the existence problem of the weak equilibrium, and present a sufficient condition for the existence of weak equilibrium without ordered preferences, absence of satiation, or free disposal: Under standard assumptions on consumers' consumption sets and preferences, it is sufficient that there exists at least one consumer whose preference is non-satiated.

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