

Colloquium

Competitive equilibrium with indivisible objects

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時 間：105 年 11 月 2 日(三) 14：30

地 點：應用數學系多媒體教室(理 408 室)

摘 要：

We study exchange economies in which objects are heterogeneous and indivisible, and may not be substitutes for each other. We give new equilibrium existence results with the p -substitutability condition, under which a certain degree of complementarity among objects is permitted according to the parameter vector p . Moreover, we introduce conditions under which the contributions of objects to the social welfare are equilibrium prices.