

A Core Limit Theorem for Economies with Production

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Abstract

In this paper, we provide one of the most general kinds of core limit arguments for economies with *production*. Recently, some new core concepts or replica methods were developed and studied to show the core equivalence to the price-wealth market equilibrium in economies with satiation and money (see Konovalov 2005, Urai and Murakami 2016 and Murakami and Urai 2017). We show that such core concepts also provide a general method to treat core limit arguments in economies with production. We also argue as a corollary to our results a price-wealth or price-money universal implementability theorem.

KEYWORDS: Production Core, Core Equivalence Theorem, Satiation, Dividend Equilibrium, Universal Implementability

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