

# Credit Market Segmentation, Essentiality of Commodities, and Supermodularity

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Abstract:

We consider incomplete markets economies where agents are subject to personalized price-dependent trading constraints compatible with credit market segmentation. Equilibrium existence is guaranteed when commodities are essential, i.e, indifference curves through individuals' endowments do not intersect the boundary of the consumption set. Alternatively, we prove equilibrium existence in economies where preferences can be represented by concave and supermodular utility functions.

Joint work with: J.P. Torres-Martínez (U. of Chile)