

Local Version Tarski Theorem and Monotone Comparative Statics

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Abstract

Local versions of Tarski (1955) theorem are provided. Tools similar to those used in the proofs are proposed for comparative statics in monotone settings. The concepts and results generalize Samuelson (1947) and Echenique (2002). The usefulness of the results is illustrated by applications to networks, network effects in imperfectly competitive markets, and dynamics of income distribution.