

Economic Theory, Decision Theory and Experimental Economics Seminar

The bubble game: An experimental study of speculation

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Tuesday, 16th October 2012 12:45pm Room 3-E4-SR03 Via Rontgen 1 Milano

Abstract

We propose a bubble game that involves sequential trading of an asset commonly known to be valueless. Because some traders do not know where they stand in the market sequence, the game allows for a bubble at the Nash equilibrium when there is no cap on the maximum price. We run experiments both with and without a price cap. Structural estimation of behavioral game theory models suggests that quantal responses and analogy-based expectations are important drivers of speculation.

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