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With potential games; which outcome is better?

SANTIAGO GUIASOLA
Instituto Nacional de Matematica Pura e
Aplicada
Santiago.guisasola@impa.br

DONALD G. SAARI
University of California, Irvine
dsaari@uci.edu

Abstract

Innovation diffusion has been modeled using 1- or 2-dimensional coordination or potential games with two pure Nash equilibria. A concern, which cuts across game theory, is to determine the “better” outcome, where a mystery comes from examples where different measures of a “good” choice disagree. This behavior is explained by using the full 7-dimensional framework for the class of all potential games, which includes coordination games.