

Boccon

Università Commerciale Luigi Boccon

Economic Theory, Decision Theory and Experimental Economics Seminar

Full Implementation and Belief Restrictions

Antonio Penta

University of Wisconsin-Madison

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Abstract

We introduce a framework to study the problem of full implementation via the design of transfer schemes, under general restrictions on agents' beliefs. Our construction suggests a simple design principle, in which belief restrictions are used to weaken the strategic externalities of the baseline belief-free transfers, so as to induce mechanisms that ensure uniqueness. Importantly, our results require minimal restrictions on agents beliefs, specifically on moments of the distribution of types, which arise naturally in applications.

Keywords: Full Implementation, Robust Mechanism Design, Rationalizability, Interdependent Values, Moment Conditions, Belief Restrictions, Uniqueness, Strategic Externalities

Joint with Mariann Ollár (University of Pennsylvania)

Department of Decision Sciences Department of Economics

Via Röntgen 1 - 20136Milano

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