## Rationality and Revealed Preference\*

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## Abstract

In this paper, we examine the rationalizability of choice functions on general domains. This paper aims to develop a general conceptual framework for preference "rationality": we define the concept of preference rationality in terms of closure operators on binary relations. Then, we establish a general revelation theorem for a choice function on general domains.

JEL classification D00; D11

**Keywords** Rationality; Rational Choice; Revealed Preference; General Domain; Closure Operator

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