

The Method of Majority Decision and Rationality Conditions*

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Abstract

This paper extends and simplifies the standard results on the domain conditions for social rationality under the method of majority decision. Inada-type necessary and sufficient conditions for transitivity and quasi-transitivity are derived for every possible case with transitive as well as quasi-transitive individual preferences. A unified approach is adopted for the problem of formulating conditions for social rationality; and for each case a single restriction is formulated as an Inada-type necessary and sufficient condition.

Keywords: Method of Majority Decision, Domain Conditions, Transitivity, Quasi-Transitivity, Acyclicity

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