



DEPARTAMENTO DE ESTADÍSTICA
E INVESTIGACIÓN OPERATIVA



Instituto de
Matemática
Interdisciplinar

Seminario de Estadística e Investigación Operativa

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“Average covering tree solution for directed graph games”

Abstract: The paper introduces a new efficient solution concept, the average covering tree solution, for cooperative games with communication structure presented by means of a directed graph. For games with complete communication this solution coincides the Shapley value. The stability of this value and some other properties are studied.

Oganizado por el Departamento de Estadística e Investigación Operativa
y el Instituto de Matemática Interdisciplinar (IMI)

Jueves, 1 de diciembre de 2011, 12:00 horas

Seminario 215

Facultad de CC. Matemáticas, UCM