



SAPIENZA
UNIVERSITÀ DI ROMA



CENTRO DI RICERCA
PER IL TRASPORTO
E LA LOGISTICA



Seminar Announcement

A Complete Characterization of Additive Random Utility Models satisfying IIA

de Palma A., Kilani K.

For any additive random utility model, we prove that the Independence from Irrelevant Alternatives property (Luce's choice axiom) holds if and only if the choice probabilities have the logit form. Moreover, we characterize, up to a normalization of the random components of the utility, all the distributions (multivariate logistic) satisfying this property. We also establish that the Logsum formula is closely related to the Luce's choice axiom. Finally, we were able to determine all the Generalized Extreme Value models satisfying the Luce's choice axiom.

Speaker

Professor Karim KILANI

CNAM - Conservatoire National des Arts et Métiers, Paris

Tuesday, October 23 2018, at 4:00 pm

Venue: Faculty of Civil and Industrial Engineering
Sapienza University, Via Eudossiana, 18 – Rome
Sala Del Consiglio (1st floor, adjacent to “Presidenza” office)

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