PANTHÉON-ASSAS UNIVERSITÉ PARIS

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LEMMA
Laboratoire d'économie mathématique et de microéconomie appliquée

SÉMINAIRE

VOCABULARY AGGREGATION, EN COLLABORATION AVEC ALPEREN YASAR

20 May 2025
Lemma - Salle Maurice Desplas 4 rue Blaise Desgoffe 75006 PARIS

Le LEMMA organise un séminaire, sur le thème « ***Vocabulary Aggregation, en collaboration avec Alperen Yasar*** » le mardi 20 mai à 11h.

Marco LICALZI *(Ca' Foscari University of Venice)*

Résumé :

A vocabulary is a list of words designating subsets of points from a grand set X. We model a vocabulary as a partition of X and study the aggregation of individual vocabularies into a collective one. We characterize aggregation rules when X is linearly ordered and each partition is formed by order intervals. Notably, we allow for individual vocabularies to differ both in the number and in the extension of their words. Under a suitable restriction on agents' preferences, we show that our aggregation rules are strategy-proof.