

Seminario

Giovedì 4 Luglio, ore 12.00

Aula 2 – Palazzo delle Scienze

Vocabulary Aggregation

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Abstract: 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 individual 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.