

Choosing Lectures with the Independent Set Problem

Rafael López–Bracho
UAM-Azcapotzalco

(joint work with M.A. Gutiérrez–Andrade, M.P. Ortuño Sánchez
and J. Ramírez Rodríguez)

Supposing that different scheduled lectures are proposed for every subject that an university student wants to take. A good selection of lectures is a subset of the lectures set with pairwise different subjects and timetables. The Choose Lectures Problem is to find the maximal good selections of lectures. A Graph Theory model of the problem and an algorithm to solve it will be showed.