

Seminar

Speaker: [Rémy Belmonte](#)
(Υποψήφιος διδάκτορας, University of Bergen)

Title: Induced immersions

Date: Παρασκευή, 30 Νοβ 2012

Ώρα: 18:30-19:30

Location: [Εθνικ και Καποδιστριακ Πανεπιστμιο Αθηνων, Τμμα Μαθηματικων, room Γ33](#)

Abstract

A graph G contains a multigraph H as an induced immersion if H can be obtained from G by a sequence of vertex deletions and lifts. We present a polynomial-time algorithm that decides for any fixed multigraph H whether an input graph G contains H as an induced immersion. We also show that for every multigraph H with maximum degree at most 2, there exists a constant c_H such that every graph with treewidth more than c_H contains H as an induced immersion.

Download date: 2024-11-22, 21:00.