



Αθήνα, 17/10/2016

Δ Ι Α Λ Ε Ξ Η

Ομιλήτρια: Βάλια Μήτσου

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Τίτλος : «Choosability: a hard graph coloring problem»

Περίληψη: Choosability, independently introduced by Vizing in 1976 and by Erdős, Rubin, and Taylor in 1979 is a well-studied graph theoretic concept. We say that a graph G is k -choosable if for any assignment of lists of k colors on the vertices of G we can pick one color from each vertex' list such that for every edge its endpoints receive different colors. We will present a number of graph theoretic and algorithmic results on the choosability problem and its generalization choosability deletion. This talk is based on recent work jointly done with Dr. Dániel Marx ("Double-exponential and triple-exponential bounds for choosability problems parameterized by treewidth") which was presented at the conference ICALP 2016.

Η ομιλία θα δοθεί την **Παρασκευή 21 Οκτωβρίου 2016** και **ώρα 13:35**, στην Αίθουσα Σεμιναρίων του Τομέα Μαθηματικών, κτ. Ε', 2ος όροφος.

Η Επιτροπή Σεμιναρίων