



SEMINARIUM MATEMATYKA DYSKRETNA

czwartek, 14 maja 2015 r. godz. 10.00, s. 304 A3-A4

ON THE COST OF DISTINGUISHING COUNTABLE GRAPHS WITH UNBOUNDED DEGREES

WILFRIED IMRICH
University of Leoben, Austria

The talk begins with a new, concise proof of a generalization of a theorem of Halin about locally finite, infinite graphs to graphs with unbounded degrees. It then investigates when such graphs have a finite set of vertices whose stabilizer is the identity automorphism. The minimum size of such sets for a graph G is called the 2-distinguishing cost of G . Finally, bounds on the 2-distinguishing cost are provided.