

VERTEX VERSIONS OF SELECTED COLORING-EDGES PROBLEMS

IZOLDA GORGOL

Lublin University of Technology

e-mail: i.gorgol@pollub.pl

Many research problems in extremal graph theory are connected with edges. In the talk I will present vertex versions of some of them, well or less known, connected with coloring edges. The issues I've selected will be, among others, induced Ramsey and anti-Ramsey numbers. I will discuss exact reformulations, some modifications and results.