

Graph Theory II

Problem Set #6

due: Tuesday, April 18

1. Let G be a graph and D its orientation. Show that D contains a (directed) path of length at least $\chi(G) - 1$.
2. PLUS Problems 5 (construction) and 7 (lower bound) from Set 4
3. PLUS Problems 2 and 8 from Set 5
4. PLUS read the article "Quite Easily Done" (posted on my webpage)