

MATH 648, PROBLEM SET 4

These problems are due in class on April 8.

- (1) Maclagan-Sturmfels, exercise 3.6, only the first sentence.
- (2) Maclagan-Sturmfels, exercise 4.6.
- (3) Prove that if M is any matroid, then its tropicalization $\text{Trop}(M)$ is connected through codimension 1.