

GRÖBNER BASES: QUICK UPDATES AND EXTENDED SNAPSHOTS

DAVID A. COX

ABSTRACT. My lecture will cover a variety of topics related to Gröbner bases. I will begin with some *quick updates* that indicate recent work on Gröbner bases, followed by some *extended snapshots* involving graph theory, geometric theorem proving via comprehensive Gröbner systems, and join-meet ideals of finite lattices.

Department of Mathematics, Amherst College, Amherst, MA 01002, USA
E-mail address: `dac@math.amherst.edu`