1073-11-134   **Chad Awtrey*** (`cawtrey@elon.edu`). *Computational Galois theory for p-adic fields.*

An important problem in constructive local class field theory is the computation of arithmetic invariants of p-adic fields. Of particular interest is the determining of Galois groups of such fields. In light of recent results, we discuss the traditional method for computing Galois groups (resolvents) as well as newer methods (based on subfields). (Received July 30, 2011)