

1086-65-2103 **Nathan Dunfield** and **Anil N. Hirani*** (hirani@cs.illinois.edu), 201 N. Goodwin Avenue,
Urbana, IL 61801. *Computing analytic torsion.*

We'll describe our experiences with numerically computing analytic torsion for surfaces and hyperbolic 3-manifolds using finite element exterior calculus. (Received September 24, 2012)