1024-20-83   **Graham Ellis*** (`graham.ellis@nuigalway.ie`), National University of Ireland, Galway, Galway, Ireland. *Some computational group cohomology.*

The cohomology of a group G can be defined as the cohomology of a quotient space X/G where X is any contractible space admitting a free action of G. This talk will discuss some approaches to computing (integral) cohomology for a range of finite and infinite groups G, and will focus on the potential for computer counter-examples to, or computer evidence in support of, a number of conjectures. (Received January 01, 2007)