962-57-1269 **Bjørn Jahren*** (`bjoernj@math.uio.no`), Dept. of Math., University of Oslo, P.O.Box 1053 Blindern 0316 Oslo, Norway. *On surgery in dimension 3.*

With a suitable modification of the structure set, the surgery exact sequence can be extended to dimension 3. The sets in the sequence have simple, geometrically defined group structures which can be almost completely computed. (Received October 03, 2000)