1023-03-153   **Thierry Zell*** (`mattxz@langate.gsu.edu`), Department of Mathematics and Statistics, Georgia State University, 30 Pryor Street, Atlanta, GA 30303-3083. *Quantitative results in o-minimal topology.*

We consider the problem of establishing effective upper-bounds on the topological Betti numbers of sets definable in o-minimal structures. Such estimates depend on the way definable sets are represented; the main results covered in this talk are for Hausdorff limits and for Gabrielov's relative closure in the Pfaffian structure. (Received August 15, 2006)