1056-92-1701 Gunnar Erik Carlsson\* (gunnar@math.stanford.edu), Mathematics Department, Stanford University, Stanford, CA 94305. Topological methods for mapping biological data sets.
We will discuss some methods for constructing conceptually useful qualitative maps of data sets arising in biology. The mathematics behind the methods will be discussed, as will some applications to some interesting data sets. (Received September 22, 2009)