

12. HOMOLOGY

12.1 SINGULAR HOMOLOGY GROUPS

12.2 HOMOTOPY INVARIANCE

12.3 HOMOLOGY AND THE FUNDAMENTAL GROUP

12.4 THE MAYER-VIETORIS THEOREM

12.5 HOMOLOGY OF SPHERES

12.6 HOMOLOGY OF CW COMPLEXES

12.7 COHOMOLOGY

12.8 PROBLEMS