

## GENERAL & GEOMETRIC TOPOLOGY—References

### A- Introductory

- 1- T.W. Gamelin, R.E Greene: Introduction to Topology (Dover)
- 2- C.C. Pugh, Real Mathematical Analysis (AMS)—Ch. 2 “A Taste of Topology”
- 3- M. A. Armstrong, Basic Topology (Springer UTM)
- 4- Klaus Jänich, Topology (Springer UTM)—inspirational survey
- 5- J. McCleary, A First Course in Topology—continuity and dimension (AMS)
- 6- I.M Singer, J. Thorpe, Lecture Notes on Elementary Topology and Geometry (Springer)

### B- More advanced

- 1- J. Munkres, Topology (standard graduate intro)
- 2- S. Willard, General Topology (Dover)
- 3- J. Dugundji, Topology (W.C. Brown)--standard reference text

### C- Specialized

- 1- L.A. Steen, J.A. Seebach—Counterexamples in Topology (Dover)
- 2- M.H Newman—Topology of plane sets of points (geometric topology)
- 3- S. Krantz—A guide to Topology (MAA)—summary for a quick review
- 4- E. Lima—Fundamental group and covering spaces (excellent intro to the topic)
- 5- Hurewicz & Wallman—Dimension Theory (Princeton)—a classic
- 6- R. F. Brown—A Topological Introduction to Nonlinear Analysis (Birkhäuser)—excellent
- 7- R. Engelking, Dimension Theory (North-Holland)—reference work