



Topology and the Language of Mathematics

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Category: Textbook

Topics: Transition to Advanced Mathematics, Proofs and Logic, General Topology

- An introduction to the language of mathematics through point-set topology.
- Written with the student in mind – emphasizing clarity every step of the way
- For the high school student looking for a taste of next steps beyond calculus
- For the undergraduate seeking an alternative introduction to the language of mathematical proofs
- For a student just looking for a fresh take on general topology

Andrew Locascio of MAA (Mathematical Association of America) Reviews notes the “creative moves” of Chapter 4, “which includes sections on retractions and the fixed point property in topological spaces. These are certainly important topics that usually aren’t covered in undergraduate point set topology courses”

Mu Alpha Theta (MuAlphaTheta.org), a national mathematics organization with more than 75,000 student members, lists it as a recommended book, and invited the author to write the featured column in their Fall 2008 newsletter:

http://mualphatheta.org/Archives/Newsletter%20Archive/fall_08_newsletter_and_topology.pdf

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