Problems in Topological Graph Theory

Dan Archdeacon

Department of Mathematics and Statistics
University of Vermont
`dan.archdeacon@uvm.edu`

Abstract. Do you think you've got problems? I know I do. I'll present a variety of open questions in topological graph theory. Some are old and some are new, all of them (I think) are interesting. Topics include the genus of a graph, automorphisms of maps, coloring maps, crossing numbers of graphs, and many other questions.