Topological graph theory: A survey

Dan Archdeacon
University of Vermont

Topological graph theory deals with ways to picture graphs. Typically, this involves starting with a graph and depicting it on various types of drawing boards: 3-space, the plane, surfaces, books, etc. In this talk I give a survey of the topics and results in topological graph theory. I offer neither breadth, as there are numerous areas left unexamined, nor depth, as no area is completely explored. Nevertheless, I do offer some of my favorite topics try to place them in context.