

Denise HALVERSON

Survey on the Generalized R. L. Moore Problem

Abstract: What types of spaces X have the property that $X \times \mathbb{R}$ is a manifold? This question is the essence of the generalized R. L. Moore problem. In this presentation I will discuss the story of how this problem came about, the significance of this problem, and the remarkable discoveries that have been made since this problem was first posed.