

Topics in Shape Theory

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October 23, 2013

Abstract

The Theory of Shapes was founded by Karol Borsuk in late 60s to deal with topological spaces with bad local properties, where classical Homotopy Theory does not provide any information. The idea is to approximate these spaces with well behaved spaces and study the properties of the approximation. In this talk, we will review some basics of this theory as well as some invariants and paradigmatic examples such as the solenoid, the Warsaw circle and the Hawaiian earring.