Andreas ZASTROW

On semilocal connectivity of spaces

Abstract. Although the term "semilocally simply connected" is widely used in covering space theory, a lot of people seem not to be aware, that amongst the common ways to phrase its definitions, there exist ones that give different answers for sufficiently wild topological spaces. The talk will demonstrate this with appropriate examples, point out how theorems should be phrased taking these phenomena into account, and point out where this phenomenon had led to false assertions in the literature.