

# **Pseudo-solenoids are really not homogeneous**

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A pseudo-solenoid is a hereditarily indecomposable continuum that is circle-like and not arc-like. Historical background will be provided that highlights the interesting properties of pseudo-solenoids that contrast significantly with the properties of the popularly pathological pseudo-arc. Specific focus will be placed on homogeneity properties of each space. Recent work, regarding generalized homogeneity and pseudo-solenoids will be discussed in addition to a discussion of open problems that build on this work.