Embeddings of the pseudo-arc into some spaces

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A continuum is a compact connected metric space with more than one point. A continuum is hereditarily indecomposable if for every two subcontinua, either they are disjoint or one is contained in the other. The pseudo-arc is the simplest hereditarily indecomposable continuum. There are many reasons for considering the pseudo-arc as one of the most interesting continua.

One important topic in the study of the pseudo-arc is to determine how pseudo-arcs behave inside certain spaces.

In this talk we consider problems related to embeddings of the pseudo-arc in the following spaces: the Euclidean n-dimensional space, the product of two pseudo-arcs, the product of the pseudo-arc with the interval $[0, 1]$, the hyperspace of subcontinua of the pseudo-arc.

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