

Abstract

An S^1 *embedding* of a graph G is an injective map of the vertices of G into S^1 . This paper considers the meaning of *link*, *n-link* and *intrinsically linked* for S^1 embeddings of graphs. Specifically, we are concerned with the minor-minimal set of intrinsically S^1 3-linked graphs. This paper presents a list of known elements of that set, along with methods used to find and verify the list, in hopes of obtaining the complete minor minimal set. Other aspects of S^1 embeddings are also examined.