

Chord-Set Subgraphs

Terry McKee
Wright State University

April 3, 2006

Abstract

A *chord-set subgraph* of a host graph H consists of all the chords of a cycle of H . After playing a bit with this very general notion, I will focus on the allegedly-natural special case when H is *chordal* (i.e., when the only induced cycles are triangles); but there must be more to the story than that . . .