

## The Structure of Clawfree Graphs. II.

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**Abstract.** A graph is said to be clawfree if it has no induced subgraph isomorphic to  $K_{1,3}$ . Line graphs are one well-known class of clawfree graphs, but there others, such as circular arc graphs and subgraphs of the Schläfli graph. It has been an open question to describe the structure of all clawfree graphs. Recently, in joint work with Paul Seymour, we were able to prove that all clawfree graphs can be constructed from basic pieces (which include the graphs mentioned above, as well as a few other ones) by gluing them together in prescribed ways. This talk will describe the second half of the proof.