1044-05-77   **Robert E. Jamison*** (`rejam@clemson.edu`), Robert E. Jamison, 402 North Church Street, Central, SC 29630. *Intersection Graphs of Star Packings in Subdivided Multigraphs.* Preliminary report.

Suppose that G and H are simple graphs. A *G-decomposition* of H is a partition of the edges of H so that the subgraph of H induced by each part of the partition is isomorphic to G. If we relax the requirement that every edge of H be used, then we get a packing. This talk will be concerned with (node) intersection graphs of certain packings. The host graph H will be a single subdivision of some multigraph — often a tree with duplicated edges. The parts of the partition will be stars. We will investigate the possibility of representing cycles and the complement of cycles by such packings. (Received August 19, 2008)