Christopher P Schafhauser* (cschafhauser2@math.unl.edu). AF-Embeddings of Certain Graph C*-Algebras.

We discuss the AF-embeddability of graph C*-algebras. If E is a discrete graph, then for the C*-algebra C*(E), the conditions AF-embeddable, quasidiagonal, stably finite, and finite, are equivalent and can be characterized by a simple combinatorial condition on the graph. A similar result holds if either E is a compact topological graph with no sinks or if E is a totally disconnected topological graph. (Received September 14, 2014)