1003-16-1620 **David Nacin\*** (`nacin@math.rutgers.edu`), 23 Marvin Lane, Piscataway, NJ 08854. *Properties of Graph Associated Noncommutative Algebras.*

The class of noncommutative algebras $Q_n$ discovered by Israel Gelfand, Vladimir Retakh, and Robert Lee Wilson arises in the study of factorizations of noncommutative polynomials. Gelfand, Sergei Gelfand, and Retakh observed that these $Q_n$ have interesting quotients corresponding to graphs and complexes. I will give an introduction to these graph algebras and explain some properties I have discovered. (Received October 05, 2004)