1138-13-47 Sean Sather-Wagstaff, Tony Se* (ttse@olemiss.edu) and Sandra Spiroff. Semidualizing modules of ladder determinantal rings, Part II. Preliminary report.

Semidualizing modules are generalizations of dualizing modules. Currently, not much is known about the class of semidualizing modules of an arbitrary ring. We aim to determine the semidualizing modules of ladder determinantal rings. We will describe our result that only a particular construction produces nontrivial semidualizing modules, provide some concrete examples and explain how some of the machinery is used in our work. This is joint work with Sean Sather-Wagstaff and Sandra Spiroff, and our talk is a continuation of the introductory talk on the topic by Sandra Spiroff. (Received January 23, 2018)