

# ON LADDER DETERMINANTAL RINGS

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ABSTRACT. Ladder determinantal rings are generalizations of determinantal rings. We provide an overview of ladder determinantal rings, including many examples and stating known results. In particular, the aim is to determine the set of isomorphism classes of semi-dualizing modules, and our main strategy is to use the divisor class group. Beyond the standard set up, we work with coefficients in an arbitrary normal domain and arbitrary ladders, not necessarily connected, and all sizes of minors. This is joint work with Tony Se and Sean Sather-Wagstaff.