Jose Ceniceros*, 198 College Hill Rd., Clinton, NY 13323, and Mohamed Elhamdadi and Sam Nelson. Legendrian Rack Invariants of Legendrian Knots. Preliminary report.

We will give a brief overview of the study of Legendrian knots. We will also introduce a new algebraic structure called a Legendrian rack to study Legendrian knots and give explicit examples. (Received August 19, 2019)