1151-17-206   **D. Addabbo*** (`daddabbo@nd.edu`), 255 Hurley, Notre Dame, IN 46556, and **K. Barron** (`kbarron@nd.edu`), 255 Hurley, Notre Dame, IN 46556. *Higher level Zhu algebras for the Heisenberg vertex operator algebra.* Preliminary report.

We present results on the structure of the level $n \geq 2$ Zhu algebras for the Heisenberg vertex operator algebra and discuss techniques used in determining the structure of these algebras. We also give an example clarifying the necessity of certain conditions in defining higher level Zhu algebras. (Received August 19, 2019)