1155-11-16 **Dorisa Tabaku*** (dorisatabaku@oakland.edu), 368 Mathematics Science Center, Rochester, MI 48039. *Weil heights in weighted projective spaces.* Preliminary report.

We will give an introduction of Cartier and Weil divisors in the weighted projective spaces and construct the height machinery a-la Weil in such spaces. To illustrate the theory will will provide examples of Weil heights superelliptic Jacobians. (Received September 28, 2019)