1146-13-242   **Florian Enescu*** (`fenescu@gsu.edu`), 1421 25 Park Place, Department of Mathematics and Statistics, Atlanta, GA 30303, and **Yongwei Yao**. *Generating functions associated to the twisted construction for a graded ring.* Preliminary report.

Prompted by the definition for the Frobenius complexity of a local ring of positive characteristic, we examine generating functions that can be associated to the twisted construction of a graded ring of positive characteristic. We will examine ideas related to these functions and detail some open questions that appear naturally in this context. (Received January 23, 2019)