1162-32-104 **Zhenghui Huo**, **Nathan Wagner*** (nathanawagner@wustl.edu) and **Brett Wick**. *A Békollè-Bonami Class of Weights for Certain Pseudoconvex Domains.*

We prove the weighted $L^p$ regularity of the ordinary Bergman projection on certain pseudoconvex domains where the weight belongs to an appropriate generalization of the Békollè-Bonami class. The main tools used are estimates on the Bergman kernel obtained by McNeal and Békollè's original approach of proving a good-lambda inequality. In particular, we view the Bergman projection as a Calderón Zygmund singular integral operator with respect to a particular quasi-metric. This quasi-metric arises from a scaling approach employed by McNeal and others to obtain estimates on the Bergman kernel for various pseudoconvex domains of finite type. (Received August 27, 2020)