

1125-11-2155 **Liuquan Wang** (wangliuquan@u.nus.edu) and **Ae Ja Yee*** (ayy2@psu.edu), Department of Mathematics, The Pennsylvania State University, University Park, PA 16802. *Some Hecke-Rogers type identities.*

In q -series, Hecke-Rogers type sums are interesting objects. Recently, a double series of Hecke-Rogers type has arisen from the work of Andrews, Dixit, Schultz, and Yee on partition functions associated with Ramanujan's third order mock theta function $\omega(q)$. In this talk, I will discuss the series with two further identities. This is joint work with Liuquan Wang from National University of Singapore. (Received September 19, 2016)