

1154-11-1418 **Ae Ja Yee*** (yee@psu.edu). *Parity considerations in Rogers–Ramanujan–Gordon type overpartitions.*

In 2010, George Andrews investigated a variety of parity questions in partition identities. Some of his results are related to the Rogers-Ramanujan-Gordon identities. At the end of his paper, he raised a question if his work could be extended to overpartitions.

In 2013, Chen, Sang and Shi derived an overpartition analogue of the Rogers–Ramanujan–Gordon theorem. In this talk, I will discuss these Roger-Ramanujan-Gordon type overparitions with additional parity restrictions. This is joint work with Dorian Sang and Diane Shi. (Received September 15, 2019)