1176-11-302   **Theresa C. Anderson**, **Manjul Bhargava** and **Frank Thorne*** (`thorne@math.sc.edu`).
Fourier Analysis in Bhargava's Averaging Method. Preliminary report.

I will explain how Fourier analysis can be incorporated into Bhargava's averaging method, with substantial improvements to the error terms in counting results. (Received January 25, 2022)