

1135-11-2784      **Victoria Jakicic\*** (gkwt@iup.edu). *Zeros of Newform Eisenstein Series on  $\Gamma_0(q_1q_2)$ .*

During a Research Experience for Undergraduates at Texas A&M in the summer of 2017, we examined the zeros of newform Eisenstein series  $E_{\chi_1, \chi_2, k}(z)$  of weight  $k$  on  $\Gamma_0(q_1q_2)$ , where  $\chi_1$  and  $\chi_2$  are primitive characters modulo  $q_1$  and  $q_2$ , respectively. In this talk, we will use the Fourier expansion to examine the zeros where the imaginary part is greater than  $\sqrt{k}$ . (Received September 26, 2017)