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**Adele Lopez\*** ([adele.lopez@emory.edu](mailto:adele.lopez@emory.edu)). *Kummer congruences arising from the mirror symmetry of an elliptic curve.*

In the genus 1 case, mirror symmetry reduces to the statement that a certain family of generating functions, relating to an elliptic curve, are quasimodular. In their proof of this fact, Kaneko and Zagier used a related family of generating functions  $A_n(\tau)$ , which they show to be quasimodular. We show that these  $A_n$ 's also satisfy Kummer-type congruences. Additionally, we show that for a prime  $p$ , the  $p$ th power coefficients of  $A_n$   $p$ -adically converge to zero, for specific values of  $n$ . (Received February 05, 2014)