

Lehner's 1949 results on the  $j$ -invariant showed high divisibility of the functions coefficients by the primes  $p \in \{2, 3, 5, 7\}$ . Expanding his results, we examine a canonical basis for the space of level  $p$  modular functions holomorphic at the cusp 0. We show that the Fourier coefficients of these functions are often highly divisible by these same primes.