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**W. Duke** and **P. Jenkins\*** ([jenkins@math.ucla.edu](mailto:jenkins@math.ucla.edu)), UCLA Mathematics Department, Box 951555, Los Angeles, CA 90095-1555. *Properties of Certain Weakly Holomorphic Modular Forms.*

We define a canonical basis for the space of weakly holomorphic modular forms of integer weight on the full modular group. We discuss interesting properties of elements of this basis, such as zero locations and congruences for Fourier coefficients. (Received February 26, 2007)