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**Ari Shnidman\*** ([shnidman@umich.edu](mailto:shnidman@umich.edu)). *Heights of generalized Heegner cycles.*

I will discuss a Gross-Zagier formula for even weight modular forms together with Hecke characters of smaller weight and applications to constructing non-trivial elements of certain Selmer groups. (Received September 05, 2014)