

1103-33-176

**christophe vignat\*** ([cvignat@tulane.edu](mailto:cvignat@tulane.edu)), Mathematics Department, 424 Gibson Hall, New Orleans, LA 70115. *The generalized Zagier-Bernoulli polynomials and their properties.*

Zagier defined modified Bernoulli numbers in 1998 that exhibit some interesting arithmetic properties. The corresponding polynomials were studied recently by Moll et al. In this talk, a generalized version a la Norlund of these polynomials will be presented, and some of their properties will be deduced from their generating function. (Received August 19, 2014)