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Lisa Carbone* (carbone1@math.rutgers.edu), Math Dept: Hill Center, Busch Campus, Rutgers University, 110 Frelinghuysen Rd, Piscataway, NJ 08854. *Arithmetic and analytic properties of hyperbolic Kac-Moody lattices.*

We discuss the properties of non-uniform lattice subgroups of hyperbolic Kac-Moody groups over finite fields, some of which satisfy Kazhdan's Property T, others satisfying a-T-menability, a weak form of amenability which negates Property T. (Received August 16, 2005)