1078-11-14   **Vinayak Vatsal*** (`vatsal@math.ubc.ca`), UBC Department of Mathematics, 1984 Mathematics Road, Vancouver, BC V6T 1Z2, Canada. *Some number theory associated to modular forms on SL(2).*

We'll discuss some more or less well-known results on automorphic forms on SL(2), and give some arithmetic consequences (which may be less well-known). The main idea is to explain how some familiar questions from number theory maybe very naturally formulated in terms of automorphic forms on SL(2), rather than the usual group GL(2) (Received September 19, 2011)