1093-11-100 **Jongryul Lim*** (ihswbs@postech.ac.kr). *A characterization of Jacobi cusp forms of certain types.*

A characterization of elliptic cusp forms of even integral weight $k \geq 2$ on a congruence subgroup $\Gamma_0(N)$ with $N \geq 1$ was given with regard to the growth conditions of their Fourier coefficients. In this paper we give a characterization of Jacobi cusp forms of weight k and index m on $\Gamma_0(N)$ with $(2m, N) = 1$ by investigating the structure of Jacobi Eisenstein space and computing the Fourier coefficients of the Jacobi Eisenstein series. (Received August 05, 2013)