1015-41-109      **Tatevik L. Gharibyan\*** (`gtatev@yahoo.com`), Institute of Mathematics of NAS, Marshal Bagramian Avenue 24 b, Yerevan 375019, Armenia, 375019 Yerevan, Armenia. *Application of Lacunary Approximation in Summability Theory.*

In this talk summability methods of weighted mean type are going to be discussed which are generated by lacunary sequences. A result on the summability of the geometric series is proved which has far-reaching consequences with respect to general analytic continuation of power series into their $\alpha$-Mittag-Leffler-star, to overconvergence as well as to the universal behavior of trigonometric series in the sense of Menšov. (Received January 31, 2006)