LACUNARY SUMMABILITY AND ANALYTIC CONTINUATION OF POWER SERIES

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ABSTRACT. 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 Mittag-Leffler-star, to overconvergence as well as to the universal behavior of trigonometric series in the sense of Menšov.