



Analysis Seminar

Almost Everywhere Convergence of Cesaro Means With Varying Parameters of Walsh-Fourier Series

By

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Abstract: In the present talk we discuss:

- 1) The almost everywhere convergence of subsequences of Cesaro means with zero tending parameters of Walsh-Fourier series.
- 2) The problem concerning almost everywhere divergence of Cesaro means with varying parameters of the Walsh-Fourier series. More precisely, we prove that no matter how slowly (α_n) sequence tends to zero, an integrable function will be found for which Cesaro means with varying parameters of Walsh-Fourier series is divergent almost everywhere.

Date: Tuesday, November 15, 2022

Time: 16:00-17:00, GMT+3

Place: ZOOM