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## MELLIN TRANSFORM FOR GENERALIZED QUOTIENT SPACE

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### **Abstract**

By introducing the relation between the Fourier and Mellin transform, the conditional theorems are proved for Mellin transform for lacunary Boehmians. A series of the form  $\sum_{n \rightarrow -\infty}^{\infty} \alpha_n \exp(i\lambda_n t)$ , where  $\{\lambda_n\}$  is a sequence of positive integer for which  $\inf(\lambda_{n+1}/\lambda_n) > 1$  and  $\lambda_n = -\lambda_n$ , for all  $n \in \mathbb{N}$  is called lacunary series.

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