

DENSITIES CONNECTED WITH OVERCONVERGENCE

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ABSTRACT. It is well known that universal Taylor series have a strong connection with overconvergence. While by Ostrowski's classical results there exist interdependencies with the occurrence of gaps in the sequence of coefficients and the phenomenon of overconvergence.

We here investigate the structure of corresponding gaps and especially we study density properties for gap intervals as well as for "non-gaps" intervals.

(joint work with T. Gharibyan)