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ON TRIPLE SEQUENCE OF BERNSTEIN OPERATOR OF WEIGHTED ROUGH I_λ –CONVERGENCE

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Abstract. We introduce and study some basic properties of rough I_λ -convergence of weight g, where $g:\mathbb{N}^3\to[0,\infty)$ is a function satisfying $g(m,n,k)\to\infty$ and $\frac{\|(m,n,k)\|}{g(m,n,k)}\not\to 0$ as $m,n,k\to\infty$, of triple sequence of Bernstein polynomials and also study the set of all rough I_λ -convergence of weight g limits of a triple sequence of Bernstein polynomials and relation between analyticness and rough I_λ -convergence of weight g of a triple sequences of Bernstein polynomials.

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