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The (p, q) -Bernstein-Stancu operator of rough statistical convergence on triple sequence.
(English) [Zbl 1431.40014](#)
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Summary: In the paper, we investigate rough statistical approximation properties of (p, q) -analogue of Bernstein-Stancu Operators. We study approximation properties based on rough statistical convergence. We also study error bound using modulus of continuity.

MSC:

- 40F05 Absolute and strong summability (should also be assigned at least one other classification number in Section 40-XX)
- 40J05 Summability in abstract structures (should also be assigned at least one other classification number from Section 40-XX)
- 40G05 Cesàro, Euler, Nörlund and Hausdorff methods

Keywords:

(p, q) -Bernstein-Stancu operator; rough statistical convergence; natural density; triple sequences; chi sequence; Korovkin-type approximation theorem

Full Text: [Link](#)

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