MR2409350 (2009c:41044) 41A36 (41A25)

Căbulea, Lucia

Some properties of the Schurer type operators. **(English summary)**

Acta Univ. Apulensis Math. Inform. No. 15 (2008), 255–261.

After a short survey of the Schurer operators and their approximation properties, the author presents two generalizations for them, one of Durrmeyer type and the other of Kantorovich type. She shows that both are an approximation process for the space $C([0, 1 + p])$ ($p \in \mathbb{N}$ is fixed) and she gives some estimates of the rate of convergence. Similar results can also be found in [D. Bărbosu, Facta Univ. Ser. Math. Inform. No. 19 (2004), 65–72; MR2122755 (2005k:41079)].

Reviewed by Vita Leonessa