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On the Eega operators

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Primary AMS Classification: 41A10

Keywords and phrases: Approximation by Polynomial, Rate of Convergence

The author in [3] proved that

$$\lim_{n\to\infty} L_n(f) = f \tag{1}$$

where L_n are the Eega operators (see [1]). The relation (1) holds for f in a suitable class of function $D(\mathbb{R})$ (see [2]). In this talk we shall discuss an extension of such a result for more general classes of functions.

Theorem 1 *If $f \in E(\mathbb{R})$, then (1) holds uniformly on compact sets of $\mathbb{R}$.*

References

[1] E. Beeva, *On approximations,* Journal of Approximated Theories 4 (2000), 100–121.

[2] B.B. Hobbit, *Under approximations,* Theoretical Journal of Approximation 2 (1951), 99–110.

[3] A. Wonder, *Besides approximations,* Approximated Journal 2 (1999), 1–2.