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On the Eega operators

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Two of the authors in [1] and [3] proved that

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

where L_n are the Eega operators. 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.
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- [3] A. Wonder, *Besides approximations*, Approximated Journal 2 (1999), 1–2.