

Nemzer, Dennis

A note on the convergence of a series in the space of Boehmians. (English) Zbl 1156.46305
Bull. Pure Appl. Math. 2, No. 1, 63-69 (2008).

Summary: The generalized function space known as Boehmians contains a proper subspace which can be identified with the space of Schwartz distributions. In this note, we investigate the series $\sum c_\alpha D^\alpha \delta(x_1, x_2, \dots, x_j)$ in the space of Boehmians.

MSC:

46F99 Distributions, generalized functions, distribution spaces

Cited in **6** Documents