

I. Chalendar, L. Habsieger, J. R. Partington and T. J. Ransford, **Approximate Carleman theorems and a Denjoy–Carleman maximum principle**, *Arch. Math.*, 83 (2004), 88–96.

Abstract

We give an extension of the Denjoy–Carleman theorem, which leads to a generalization of Carleman’s theorem on the unique determination of probability measures by their moments. We also give complex versions of Carleman’s theorem extending Theorem 4.1 of [1].

References

- [1] I. Chalendar, K. Kellay, and T. Ransford. Binomial sums, moments and invariant subspaces. *Israel J. Math.*, 115:303–320, 2000.