Javad Mashreghi* (javad.mashreghi@mat.ulaval.ca), 1960 Boul Laurier, Quebec, QC G1S 1M8, Canada. Banach algebras and entire functions of exponential type.

We illustrate a technique from the theory of entire functions by proving a variant of Allan’s result about power growth in Banach algebras. This method eventually leads to an inequality about binomial sums, in which the sharp constant is still unknown.

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