Zbl 017.11505
Erdős, Pál; Gillis, J.
Note on the transfinite diameter. (In English)
J. London Math. Soc. 12, 185-192 (1937).

It is proved that a linear closed point set is of capacity zero if its logarithmic measure is finite. Previously known was only that the capacity is zero if the logarithmic measure vanishes. The proof is elementary.

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28A12 Measures and their generalizations