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**Alexandre Eremenko\*** (eremenko@math.purdue.edu), Department of Mathematics, Purdue University, West Lafayette, IN 47907. *Brody curves omitting hyperplanes.*

For holomorphic curves  $f : \mathbf{C} \rightarrow \mathbf{CP}^n$  we denote by  $\|f'\|$  the “spherical derivative”. It measures the length distortion from the Euclidean metric to the Fubini–Study metric in projective space  $\mathbf{CP}^n$ .

**Theorem.** *If  $\|f'\|$  is bounded, and  $f$  omits  $n$  hyperplanes in general position, then  $T(r, f) = O(r)$ .*

The number  $n$  of omitted hyperplanes in this statement is the smallest possible. The case  $n = 1$  follows from a theorem of Clunie and Hayman. For arbitrary  $n$ , the Theorem improves earlier results of Tsukamoto, Berteloot and Duval. (Received January 23, 2010)