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Fourier inversion of distributions on projective spaces

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Abstract: We show that the Fourier-Laplace series of a distribution on the real, complex or quaternionic projective space is uniformly Cesàro-summable to zero on a neighbourhood of a point if and only if this point does not belong to the support of the distribution.

Keywords: distribution, projective space, Fourier-Laplace series, Cesàro summability

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