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The Fourier integral for a certain class of distributions. (English) [Zbl 0742.46023](#)
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The author proves a number of theorems containing formulae for Fourier integrals of Mikusiński-Sikorski's distributions with sine- and cosine- functions.

Reviewer: [B.Rubin \(Jerusalem\)](#)

MSC:

[46F12](#) Integral transforms in distribution spaces

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[Fourier integrals of Mikusiński-Sikorski's distributions with sine- and cosine-functions](#)

Full Text: [EuDML](#)

References:

- [1] J. Mikusiński R. Sikorski: The elementary theory of distributions (I). Rozprawy matematyczne, Warszawa 1957. · [Zbl 0116.31902](#)
- [2] S. Bochner K. C. Chandrasekaran: Fourier Transforms. Princeton, Princeton Univ. Press 1949.

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