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**Alex Stokolos\*** ([astokolos@georgiasouthern.edu](mailto:astokolos@georgiasouthern.edu)), Department of Mathematics, Georgia Southern University, PO Box 8093, Statesboro, GA 30460. *On the Rate of a.e. Convergence of Certain Classic Integral Means.*

We are going to present a nearly optimal results concerning the rate of almost everywhere convergence of the integral means defined in terms of the Fourier integrals multipliers. A typical result for these means is the following:

*If the function  $f$  belongs to the Besov space  $B_{p,p}^s$ ,  $1 < p < \infty$ ,  $0 < s < 1$ , then  $T_t f(x) - f(x) = o_x(t^s)$  a.e. as  $t \rightarrow 0+$ .*

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