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Ioana Cioranescu* (eciorane@rrpac.upr.clu.edu), Department of Mathematics, University of Puerto Rico, Box 23355, San Juan, PR 00931. *On the inversion of some integral transforms in spaces of ultradistributions*. Preliminary report.

We discuss the inversion of the Laplace and Mellin transforms in spaces of tempered ultradistributions of Beurling type. (Received October 02, 2000)