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**George K. Yang\*** ([gyang@tnstate.edu](mailto:gyang@tnstate.edu)), Tennessee State University, Department of Physics & Mathematics, Nashville, TN 37209. *Formulas Relating the Fourier and Wavelet Transforms of Distributions.*

We study the wavelet transforms and Fourier transforms of tempered distributions, and find some interesting formulas showing the intertwining relationship between these two kinds of transforms of the tempered distributions. (Received October 01, 2000)