

Correction

to (1.7), (1.9), and (1.10) of the Introduction of JFM 720, p.618-636, 2013, *The trailing vorticity field behind a line source in two-dimensional incompressible linear shear flow*.

In equation (1.7) the term $\rho_0 U'' \hat{v}$ is missing from the right hand side. The correct version of (1.7) is

$$\rho_0 \left(i\omega + U(y) \frac{\partial}{\partial x} \right) \left(\hat{\chi} + \frac{U'(y)}{\rho_0 c_0^2} \hat{p} \right) = \rho_0 U''(y) \hat{v} + U'(y) \hat{q}. \quad (1.7)$$

Therefore, equation (1.9) and the result (1.10) only apply to a linear mean flow profile $U(y) = U_0 + \sigma y$ with $U'' = 0$, and (1.10) is not as general as suggested.

The remainder of the paper is correct, as following (1.10) this linear mean flow profile is assumed.