CORRIGENDUM

Local similarity solutions and their limitations

By H. K. MOFFATT AND B. R. DUFFY

J. Fluid Mech. vol. 96, 1980, pp. 299–313

In equations (5.16) and (5.17) the residues at the double poles have been incorrectly calculated. To correct (5.16), add a term

$$\frac{-\omega a^2 \cos 2\alpha}{6\alpha \sin^2 2\alpha} (\sin 2\theta - 2\theta \cos 2\alpha)$$

to the right-hand side. The correction to (5.17) is similar and does not affect the dominant (logarithmic) term. A minus sign should be inserted before $(W'(p_1))^{-1}$ in (5.12). Since publication of the paper, two relevant references have come to our attention. These are Lugt & Schwiderski (*Proc. Roy. Soc.* A **285**, 1965, 382–412), in which the complex solutions $\lambda = \lambda(\beta)$ of the equations $\sin 2\beta\lambda = \pm\lambda \sin 2\beta$ are represented diagrammatically (cf. our figure 7); and Barenblatt & Zel'dovich (*Ann. Rev. Fluid Mech.* **4**, 1972, 285–311), in which the 'distributed source' Jeffery–Hamel problem is considered as part of a penetrating and wide-ranging discussion of the role of self-similar solutions as 'intermediate asymptotics'.