

CORRIGENDUM

Flow in curved ducts: bifurcation structure for stationary ducts

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With reference to the penultimate paragraph on p. 139, it should be noted that the duct of aspect ratio 1.592 has a simpler bifurcation structure than the square duct only in the case of the perfect problem (slip on lateral walls) (cf. figure 10 and figures 13 and 14). In the limit of no slip on the lateral walls, the bifurcation structure for the rectangular duct is not, as stated in the text, simpler: two solution families remain for the rectangular duct, and not just one (see p. 143, line 8 *et seq.*). These families, shown in figure C1, cross in the vicinity of $D \sim 600$, and an insufficiently small step in the original continuation computations caused a jump from one family to the other, resulting in the second family being overlooked.

There are two additional minor corrections to the paper; on page 136, lines 10–12 the words ‘two positive eigenvalues’ and ‘one positive eigenvalue’ should be interchanged; and the caption for table 1 should refer to figure 16.

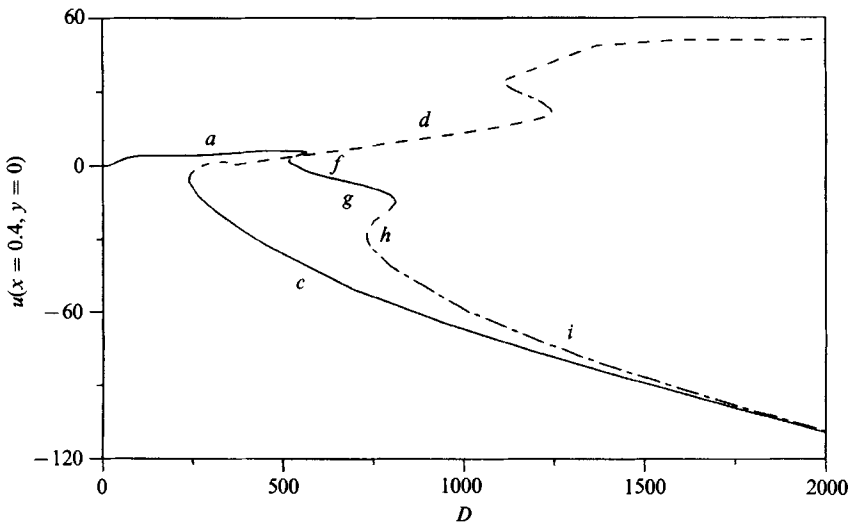


FIGURE C1. Bifurcation diagram for flow in curved rectangular ducts of aspect ratio 1.592: —, stable solution; --, unstable solution; ---, doubly unstable solution. Branch labels denote qualitative similarity to streamlines shown in figure 17.