

Corrigendum to “A Mean Flow Model for Polymer and Fiber Turbulent Drag Reduction, 15 (2005) 370-389.”

There are some typographical errors in the published version of this paper [editors: to be removed in the online available document within the next 48 hours, 13 jan 2006]:

1. Eq. (43) should be $\theta^+ = \kappa y^+ \left(1 + \frac{\alpha}{\kappa y^+} \theta^{+1/4} \left\{ Tr f\left(\frac{Wi}{\sigma \theta^+}\right) + 3\beta \right\}^{3/4} \right)$
2. The value of $\sigma = 4.545 (=1/0.22)$ in figure 7, and not 0.22. In general, the value of sigma that we used for comparing our mean flow model to DNS results was 4.545.
3. We used a value of $\sigma = 2 (=1/0.5)$ to compare our model predictions with Virk's phenomenological correlations (experiments) and not 0.5 as written in the paper.
4. In figure 3, the increment in slope should be represented by Δ and not ϕ .

We thank Dr. Gerald Junevicius (Eckerd College) for pointing out the errors regarding the value of sigma.