Fig. 13.1. Filters $G(r)$: box filter, dashed line; Gaussian filter, solid line; sharp spectral filter, dot–dashed line.
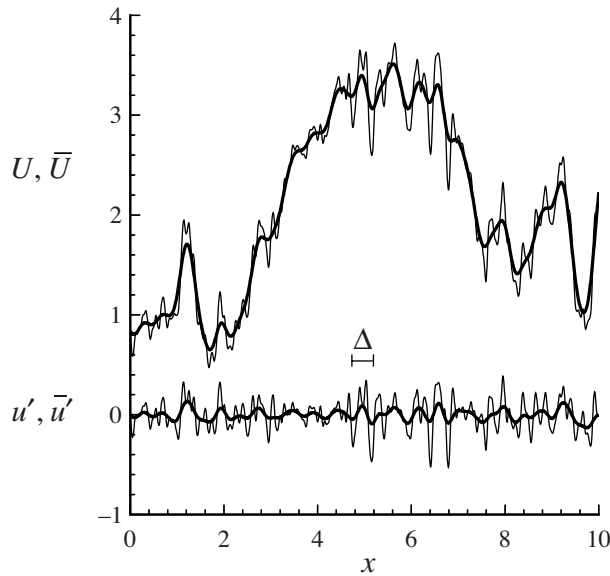

Fig. 13.2. Upper curves: a sample of the velocity field $U(x)$ and the corresponding filtered field $\overline{U}(x)$ (bold line), using the Gaussian filter with $\Delta \approx 0.35$. Lower curves: the residual field $u'(x)$ and the filtered residual field $\overline{u'(x)}$ (bold line).