f(t)

log$_2$(s)

u

(a)

log$_2$(s)

u

(b)

log$_2$|Wf(u,s)|

log$_2$(s)

(c)

Fig. 6.5. A Wavelet Tour of Signal Processing, 3rd ed. (a): Wavelet transform $Wf(u,s)$. The horizontal and vertical axes give respectively u and $\log_2 s$. (b): Modulus maxima of $Wf(u,s)$. (c): The full line gives the decay of $\log_2 |Wf(u,s)|$ as a function of $\log_2 s$ along the maxima line that converges to the abscissa $t = 0.05$. The dashed line gives $\log_2 |Wf(u,s)|$ along the left maxima line that converges to $t = 0.42$.