



Fig. 6.19. A Wavelet Tour of Signal Processing, 3rd ed. (a): Devil's staircase with $p_1 = 0.4$ and $p_2 = 0.6$. (b): Partition function $Z(q, s)$ for several values of q . (c): Scaling exponent $\tau(q)$. (d): The theoretical spectrum $D(\alpha)$ is shown with a solid line. The + are the spectrum values calculated numerically with a Legendre transform of $\tau(q)$.