

Cover image

The main surface plot in the cover illustration is the modulus of a continuous wavelet transform of a test signal (also shown) comprising of a sinusoidal component which is modulated and drifting in frequency and is also contaminated with Gaussian noise. The modulations and drifting is readily apparent in the main band snaking its way across the transform surface. The local maxima of the band – the ridge - is superimposed as a black line along the top of the band. The smaller surface plot shows the secondary transform of the ridge signal extracted from the primary transform which provides information on the nature of the frequency modulations. Copyright © Paul S Addison, 2018.

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