

SOLAR FEATURE TRACKING IN BOTH SPATIAL AND TEMPORAL DOMAINS

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Here we present an image-contrast improving technique utilizing a Laplacian filter. From photometric images with improved contrast, we show how fractal and multi-fractal analysis techniques can be implemented to track solar features. This provides a platform to search for, detect, and record oscillatory behaviour both in the temporal and spatial domain. Initial results drawn from the implementation of these techniques to TRACE observations, will also be presented.