IMPACT OF DATA QUANTIZATION ON EMPIRICAL MULTIFRACTAL ANALYSIS


Summary


REFERENCES












MULTIFRACTAL ANALYSIS


QUANTIZATION AND NUMERICAL STUDY


Quantization and Monte Carlo Simulation

## Quantization



## QUANTIZATION IMPACTS



Frequency Resolution
Fourier transforms of mother wavelets. Increments: poor frequency resolution, Waveletss high frequency resolution


Statistical Performance


Increments: degrade dramatically fast as $b<$
Coefficients, Leaders: performant still at $b=8$



