

Fourier Time Series

Methods of Power Spectral Estimation

1. Discrete Fourier Transform
2. Periodogram
3. Fast Fourier Transform
4. Blackman-Tuckey Method
5. Tapers
 - 5.1 Multitaper Analysis
6. Lomb-Scargle Periodogram
7. Maximum Likelihood Analysis
8. Maximum Entropy Method
9. Cross Spectrum and Coherency
10. Bispectra
11. Monte Carlo Simulation

Climate Proxies

1. Oxygen Isotopes
2. Deuterium - Temperature Proxy
3. Carbon-13
4. Vostok
5. Atmospheric $\delta^{18}O$ and Dole Effect
6. $\delta^{18}O$ / CO_2 Mystery
7. Sea Floor Records
8. Terrestrial Records

Paper Review