

EECS 210 Section 2 – Lecture Summaries

Lecture 4, Friday, January 12, 2001

- Fourier coefficients are a measure of the strength of a Fourier component in an original signal: They can be determined through correlation between original signal and the Fourier component
- Exponential form of the Fourier series offers compactness and easy solution of the linear differential equations that can be used to represent linear systems
- Correlation between complex signals and complex Fourier components yields the complex Fourier coefficients