

Chapter 11.05

Informal Development of Fast Fourier Transform (FFT)

PRE-REQUISITES

1. understanding the development of Discrete Fourier Transform (see [Chapter 11.04](#))
2. simple matrix operations, such as matrix times vector, matrix times matrix, matrix inversion (self-explained in this chapter !)
3. manipulations with variables which have 1, 2, or more indexes (self-explained in this chapter !)
4. representing a real number in base 10, and base 2 formats (self-explained in this chapter !)
5. some working knowledge in any computer programming language (high-school, or first year undergraduate level)
6. Euler identities (self-explained in this chapter !)