

## Chapter 11.04

### Discrete Fourier Transform

#### PRE-REQUISITES

1. representing a given periodic function by Fourier series; in complex numbers representation ([Chapter 11.02](#))
2. programming skills in any computer language
3. discretizing time variables into smaller (time) sub-intervals (self-explained in this chapter !)
4. summations on repeated indexes, matrix operations, multiplying 2 complex numbers (self-explained in this chapter !)