- Module 1.1 : Digital signal processing:
       the Basics.

→ What is Signal processing?
- Introduction
- What is digital signal processing.

→ Discrete - time Signals
- Introduction
- Discrete time Signals

→ Basic Signal processing.
- Introduction
- How your PG plays discrete - time
       Signals.
- The Karplus - strongs algorithm.

→ Complex exponentials
- Introduction
- Complex exponentials.

→ Notes and Supplementary Materials
   Signal of the Day: Goethe's Temperature

→ Python Notebooks :-

→ Transoceanic signal Transmission
→ The Karplus-strong Algorithm.

- Energy and power : periodic signals

$$E_{\bar{x}} = \infty$$

$$P_{\bar{x}} = \frac{1}{N} \sum_{n=0}^{N-1} |\bar{x}[n]|^2$$