



The Fast Fourier Transform II

Computing the FFT of data read from a file
Physics 258/259 - DS Hamilton 2005

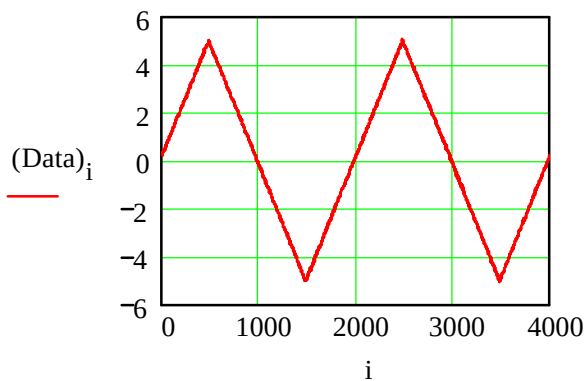
```
Data := READPRN("TriData.txt")
```

```
NData := rows(Data)
```

```
i := 0,1..NData - 1    NData =  $4 \times 10^3$ 
```

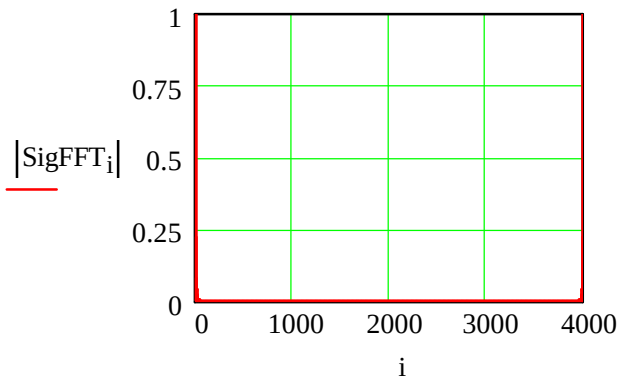
First, we bring the data into the workspace.

The data is a single column text file.

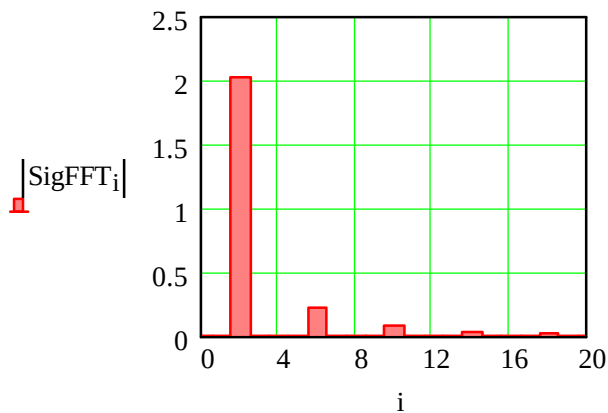


After we look at the data, we can take the FFT.

```
SigFFT := CFFT(Data)
```



Now, plot the magnitude of the FFT of the data.



And then change the scales