

-- Examples of Blackman-Tukey FFT scripting!

--Important:

-- Run this script when Scripts folder is open in Finder front window

-- For more BK-FFT options see kSpectra AppleScript Dictionary

```
tell application "Finder" to set the this_folder ↵  
    to (folder of the front window) as alias  
set thefullpath to POSIX path of this_folder & "Data/soi"
```

--Or you can specify path directly (for example):
--set thefullpath to "/Users/Joe/Scripts/Data/soi"

```
tell application "kSpectra"  
    activate
```

-- Load the data:

```
loadvector thefullpath
```

-- FFT with default parameters & plot result:

```
fft vector "soi"  
plotFFT
```

-- Perform analysis with different parameters and plot results:

```
fft vector "soi" spectrum "spec_soi100" window 100  
plotFFT "spec_soi100"
```

```
fft vector "soi" spectrum "spec_soi" window 100 shape "hamming" test "ar1"  
plotFFT "spec_soi"
```

```
end tell
```