

```
data = Import["~/Desktop/Term Three/Ph 3/Data/getwfm.isf"]
```

```
{ {-0.005, 0.04}, {-0.004999, 0.03}, {-0.004998, 0.05}, {-0.004997, 0.06},  
  {-0.004996, 0.05}, {-0.004995, 0.04}, {-0.004994, 0.06},  
  {-0.004993, 0.05}, {-0.004992, 0.07}, {-0.004991, 0.05}, {-0.00499, 0.06},  
  {-0.004989, 0.07}, {... 9978 ...}, {0.00499, 0}, {0.004991, 0},  
  {0.004992, 0.01}, {0.004993, 0.01}, {0.004994, 0.02}, {0.004995, 0.02},  
  {0.004996, 0.02}, {0.004997, 0.04}, {0.004998, 0.02}, {0.004999, 0.04}, {} }
```

large output

show less

show more

show all

set size limit...

```
data = Most[data]
```

```
{ {-0.005, 0.04}, {-0.004999, 0.03}, {-0.004998, 0.05}, {-0.004997, 0.06},  
  {-0.004996, 0.05}, {-0.004995, 0.04}, {-0.004994, 0.06},  
  {-0.004993, 0.05}, {-0.004992, 0.07}, {-0.004991, 0.05}, {-0.00499, 0.06},  
  {... 9978 ...}, {0.004989, -0.01}, {0.00499, 0}, {0.004991, 0},  
  {0.004992, 0.01}, {0.004993, 0.01}, {0.004994, 0.02}, {0.004995, 0.02},  
  {0.004996, 0.02}, {0.004997, 0.04}, {0.004998, 0.02}, {0.004999, 0.04} }
```

large output

show less

show more

show all

set size limit...

```
windowed = Table[  
  {data[[i, 1]], data[[i, 2]] * 0.5 * (1 - Cos[(2 * Pi * (i - 1)) / Length[data]])},  
  {i, 1, Length[data]}]
```

```
{ {-0.005, 0.}, {-0.004999, 2.96088 × 10-9}, {-0.004998, 1.97392 × 10-8},  
  {-0.004997, 5.32958 × 10-8}, {-0.004996, 7.89568 × 10-8},  
  {-0.004995, 9.8696 × 10-8}, {... 9988 ...}, {0.004994, 7.10611 × 10-8},  
  {0.004995, 4.9348 × 10-8}, {0.004996, 3.15827 × 10-8}, {0.004997, 3.55306 × 10-8},  
  {0.004998, 7.89568 × 10-9}, {0.004999, 3.94784 × 10-9} }
```

large output

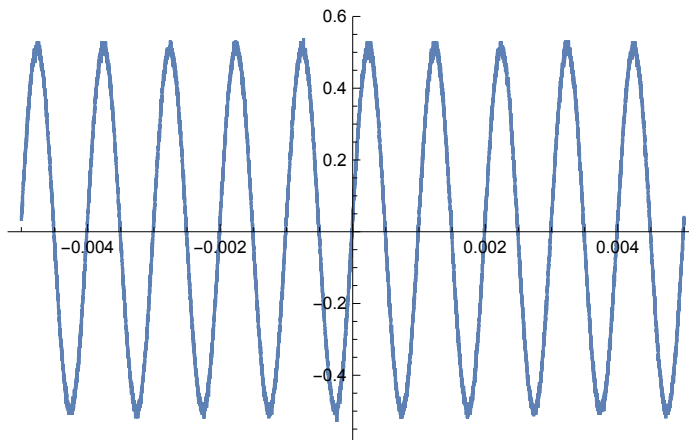
show less

show more

show all

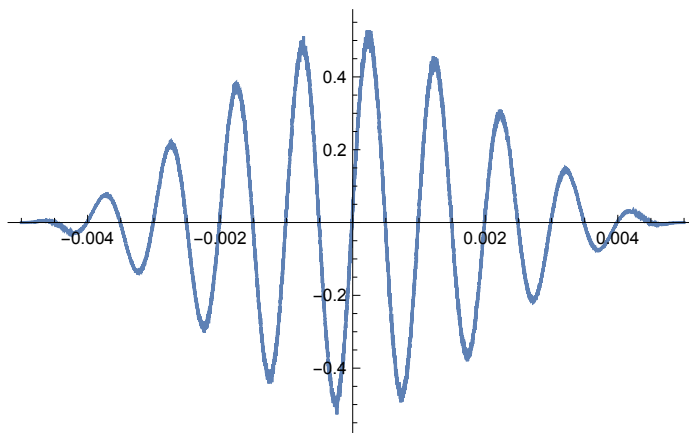
set size limit...

```
ListPlot[data, Joined → True]
```

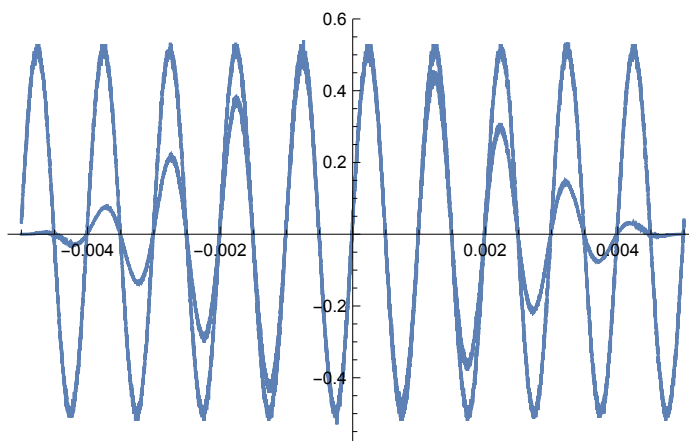


```
ListPlot>windowed, Joined → True]
```

```
Show[ListPlot[data, Joined → True], ListPlot>windowed, Joined → True]]
```



```
Show[ListPlot[data, Joined → True], ListPlot>windowed, Joined → True]]
```



```
Export["~/Desktop/Hann.pdf", ListPlot>windowed, Joined → True], "PDF"]
```

```
~/Desktop/Hann.pdf
```

```
Export["~/Desktop/Hann2.txt", ListPlot[windowed, Joined -> True], "Text"]  
~/Desktop/Hann2.txt
```