

```
set xlabel 't'
set ylabel '<e^{-xt}>'
set xrange [0:5]
```

```
set ytics nomirror
set xtics nomirror
```

```
set terminal pdf font "Times New Roman-Bold"
```

```
set output 'characteristic func.pdf'
```

```
plot 'manual characteristic function.txt' using 1:2 with lines title 'hand  
generated characteristic function', 'computed characteristic function.txt' using  
1:2 with lines title 'computer generated characteristic function', (1 - exp(-x )) /  
x title "exact characteristic function"
```