

8.2

自己算

8.7

$\Psi =$

1.4918e+03

exponential\_form =

1.4918e+03

8.8

```
>> ch8_8
```

```
13 819
```

8.11

Test: Cos(3)

```
>> ch8_11
```

```
Terms Cox(x)
```

```
1      0
```

```
Terms Cox(x)
```

```
2      1
```

```
Terms Cox(x)
```

```
3.0000 -3.5000
```

```
Terms Cox(x)
```

```
4.0000 -0.1250
```

```
Terms Cox(x)
```

```
5.0000 -1.1375
```

```
Terms Cox(x)
```

```
6.0000 -0.9748
```

```
Terms Cox(x)
```

```
7.0000 -0.9910
```

```
Terms Cox(x)
```

```
8.0000 -0.9899
```

## 8.13

```
>> ch8_13
time horizontal distance vertical distance
      0          0          0
0.5000  19.2836  21.7551
1.0000  38.5673  41.0577
1.5000  57.8509  57.9077
2.0000  77.1345  72.3053
2.5000  96.4181  84.2504
3.0000 115.7018  93.7430
3.5000 134.9854 100.7831
4.0000 154.2690 105.3707
4.5000 173.5527 107.5057
5.0000 192.8363 107.1883
5.5000 212.1199 104.4184
6.0000 231.4035  99.1960
6.5000 250.6872  91.5211
7.0000 269.9708  81.3937
7.5000 289.2544  68.8137
8.0000 308.5381  53.7813
8.5000 327.8217  36.2964
9.0000 347.1053  16.3590
```



