

```
appVersion(4) = "0.99.6884.37264"
```

```
D(t, x, λ) := λ · x +  $\frac{1}{1+t^2}$  - λ · arctg(t)  AbsTol := 10-7  RelTol := 10-7
```

```
t0 := time(0)  x0 := 0  tmin := 0  tmax := 10  N := 100  λ := -100
```

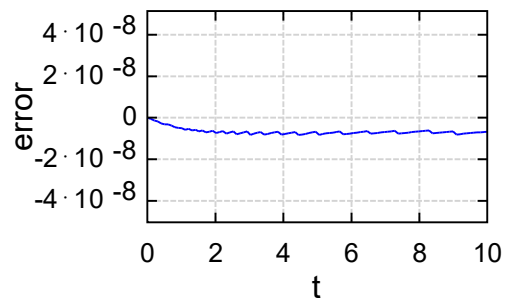
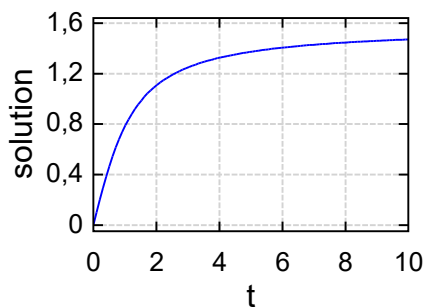
```
res := mk521fa(x0, tmin, tmax, N-1, D)
```

```
time(0) - t0 = 1240 MC
```

```
p1 := res [1..N]  $\begin{bmatrix} 1 \\ 2 \end{bmatrix}$   t := col(res, 1)
```

```
y := arctg(t)
```

```
err := col(res, 2) - y
```

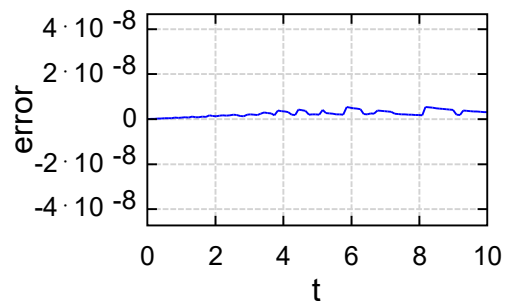
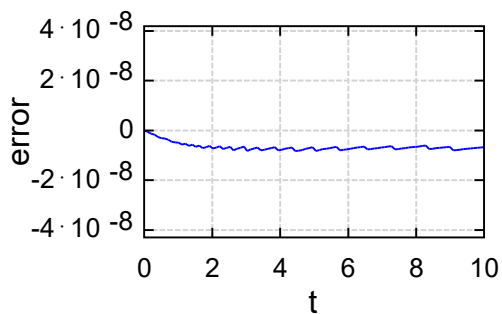


```
res := mk521fn(x0, tmin, tmax, N-1, D)
```

```
err := col(res, 2) - y
```

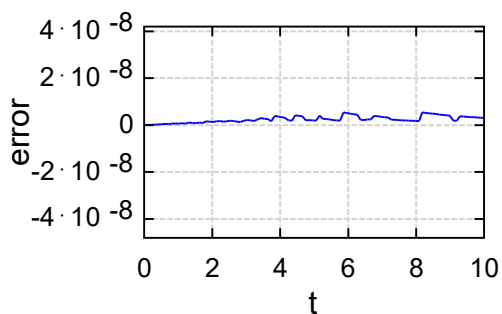
```
res1 := rkm9st(x0, tmin, tmax, N-1, D)
```

```
err1 := col(res1, 2) - y
```



```
res := rkm9mka(x0, tmin, tmax, N-1, D)
```

```
err := col(res, 2) - y
```



```
res := rkm9mkn(x0, tmin, tmax, N-1, D)
```

```
err := col(res, 2) - y
```

