

```
appVersion(4) = "0.99.6956.134"
```

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

```
t0 := time(0)    x := 0    tmin := 0    tmax := 10    N := 150    λ := -100
```

```
AbsTol := 10-8    RelTol := 10-7
```

```
res := lsoda(x, tmin, tmax, N-1, D)
```

```
time(0) - t0 = 62 MC
```

```
pl := res
```

```
t := col(res, 1)
```

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

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

