

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

```
 $D(t, x) := (t+1) \cdot e^{-x}$      $AbsTol := 10^{-8}$      $RelTol := 10^{-8}$ 
```

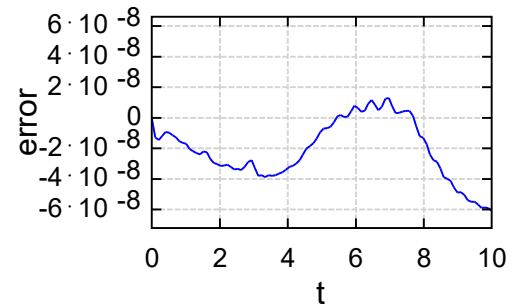
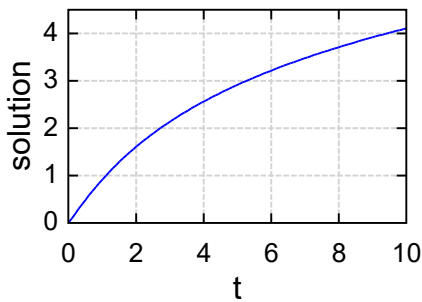
```
 $t_0 := \text{time}(0)$      $x_0 := 0$      $t_{min} := 0$      $t_{max} := 10$      $N := 100$ 
```

```
 $res := \text{dn\_AdamsMoulton}(x_0, t_{min}, t_{max}, N-1, D)$ 
```

```
 $\text{time}(0) - t_0 = 27.002$  MC
```

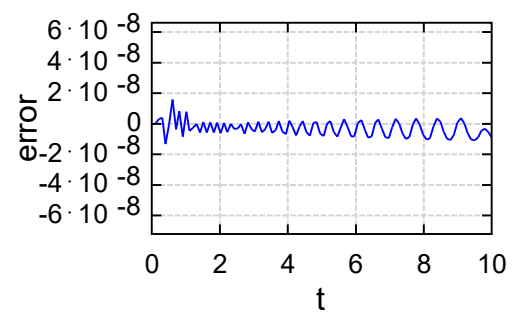
```
 $t := \text{col}(res, 1)$      $y := \ln(0.5 \cdot t^2 + t + 1)$ 
```

```
 $err := \text{col}(res, 2) - y$ 
```



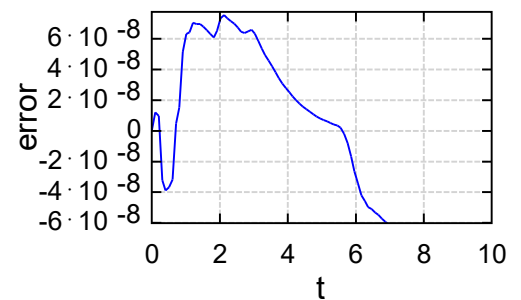
```
 $res := \text{dn\_ExplicitRK45}(x_0, t_{min}, t_{max}, N-1, D)$ 
```

```
 $err := \text{col}(res, 2) - y$ 
```



```
 $res := \text{dn\_GearsBDF}(x_0, t_{min}, t_{max}, N-1, D)$ 
```

```
 $err := \text{col}(res, 2) - y$ 
```



```
 $res := \text{dn\_ImplicitRK5}(x_0, t_{min}, t_{max}, N-1, D)$ 
```

```
 $err := \text{col}(res, 2) - y$ 
```

