

```
k := stack(1, 0.4)
```

$$D(t, x) := \begin{bmatrix} -k_1 \cdot x_1 \\ k_1 \cdot x_1 - k_2 \cdot x_2 \\ k_2 \cdot x_2 \end{bmatrix}$$

```
Min step
```

```
hmn := 10-4
```

```
Max step
```

```
hmx := 10
```

```
Tolerance
```

```
eps := 0.01
```

```
Method: (1, 2, 3)
```

```
nm := 3
```

```
x0 := stack(1, 0, 0)   tmin := 0   tmax := 10   N := 40
```

```
res := manzhuk(x0, tmin, tmax, N, D)
```

```
Error code
```

```
ier = 0
```

```
rows(res) = 41
```

```
p1 := res [1..N] [1]   p2 := res [1..N] [3]   p3 := res [1..N] [4]
```

