
```
clear all, close all
```

```
% med RK4
```

```
tic  
[T U] = odeRK4(@LorenzODE, 0, 25, [0, 1, 1], 100000);  
toc
```

```
% med ode45
```

```
tic  
opt = odeset('RelTol',1e-6);  
[R V] = ode45(@LorenzODE, [0 25], [0, 1, 1], opt);  
toc
```

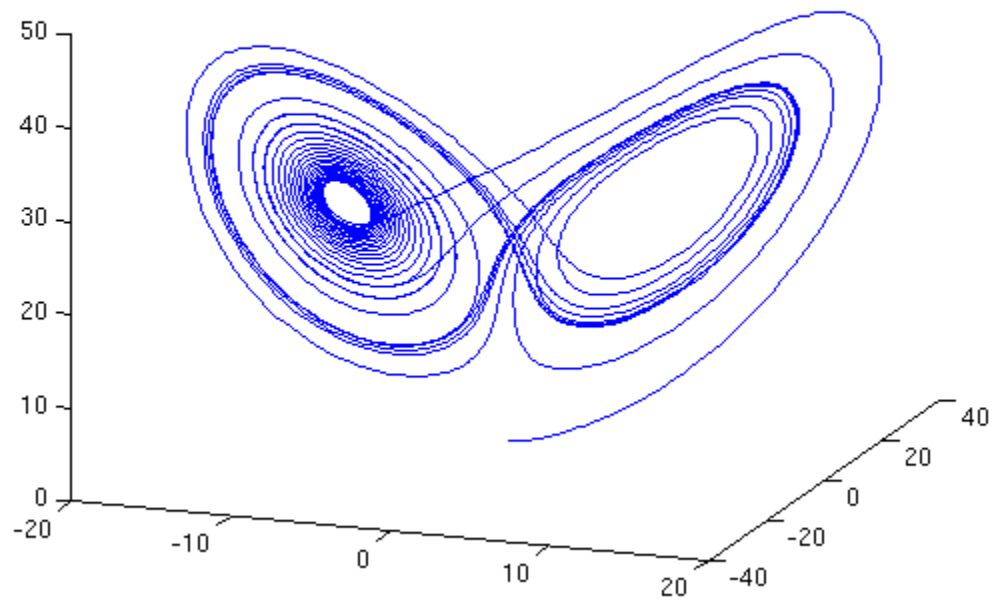
```
whos
```

```
plot3(V(:,1),V(:,2),V(:,3)), view([20 20])
```

```
Elapsed time is 3.106174 seconds.
```

```
Elapsed time is 0.511347 seconds.
```

Name	Size	Bytes	Class	Attributes
R	4737x1	37896	double	
T	100001x1	800008	double	
U	100001x3	2400024	double	
V	4737x3	113688	double	
opt	1x1	4056	struct	



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