

```
T = 1000;  
sol = NDSolve[{  
  x'[t] == -3 (x[t] - y[t]),  
  y'[t] == -x[t] z[t] + 26 x[t] - y[t],  
  z'[t] == x[t] y[t] - z[t],  
  x[0] == 4,  
  y[0] == 4,  
  z[0] == 20  
},  
{x[t], y[t], z[t]}, {t, 0, T}, MaxSteps -> 106  
]
```

```
{x[t] -> InterpolatingFunction[{{0., 1000.}}, <>][t],  
 y[t] -> InterpolatingFunction[{{0., 1000.}}, <>][t],  
 z[t] -> InterpolatingFunction[{{0., 1000.}}, <>][t]}
```

```
ParametricPlot3D[{x[t], y[t], z[t]} /. sol, {t, 0, 100}, PlotPoints -> 104]
```

