```
In[2182]:= Remove[x, y, z, sigma, r, b, r]
x'[t] = sigma * (y - x);
y'[t] = r * x - y - x * z;
z'[t] = x * y - b * z;
sol = Solve[{x'[t] == 0, y'[t] == 0, z'[t] == 0}];
J = \{\{D[x'[t], x], D[x'[t], y], D[x'[t], z]\},\
   \{D[y'[t],x],D[y'[t],y],D[y'[t],z]\},\{D[z'[t],x],D[z'[t],y],D[z'[t],z]\}\}
lambda = Eigenvalues[J];
Remove[x, y, z, sigma, b, s, t]
r = 28;
b = 8 / 3;
sigma = 10;
s = NDSolve[{x'[t] == sigma * (y[t] - x[t]), y'[t] == r * x[t] - y[t] - x[t] * z[t],}
     z'[t] = x[t] * y[t] - b * z[t], z[0] = x[0] = y[0] = 1
    \{x, y, z\}, \{t, 0, 100\}, Method \rightarrow "ExplicitRungeKutta"];
ParametricPlot3D[Evaluate[\{x[t], y[t], z[t]\} /. s], \{t, 0, 50\}]
```

••• Remove: Symbol Removed[r] already removed.



