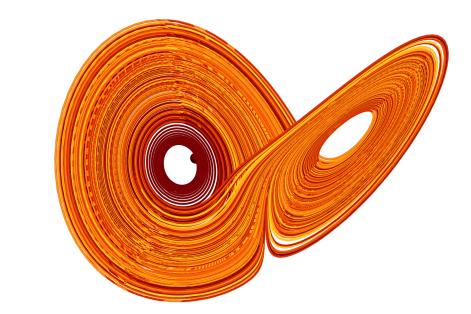
a, c)

```
xDot[\(\sigma_\), \(x_\), \(y_\), \(z_\)] = \(\sigma_\) \((y_\), \(y_\), \(y_\), \(y_\), \(z_\), \(z_\
```

b)



Out[76]=

d)

$$log_{\ell} = \text{Tr}[J[x, y, z, \sigma, b, r]]$$

$$log_{\ell} = -1 - b - \sigma$$