# Unbenannt1

$$\dot{u} = \dot{v} = k_1 * (\frac{x}{u} + \frac{y}{v})$$

$$\dot{x} = \dot{y} = k_2 * (\frac{x}{u} + \frac{y}{v}) + \frac{k_3 * (\frac{x}{u} + \frac{y}{v})}{\ln(\frac{x * v}{y * u})}$$

```
dot u = dot v = k_1 *(x over u+y over v) newline
dot x = dot y = k_2*(x over u+y over v)+{k_3*(x over u+y over v)} over {ln {
({x*v} over {y*u})}}
```