In [1]:

```
y=function('y')(x)
dydx(x)=solve(derivative(x*y^4+x^2*y-x-3*y == 0,x),derivative(y,x))
show(dydx)
```

Out[1]:

$$x \mapsto \left(\frac{\partial}{\partial x} y(x) = -\frac{y(x)^4 + 2xy(x) - 1}{4xy(x)^3 + x^2 - 3} \right)$$

In [0]: