$$\frac{\partial z}{\partial s} = \frac{\partial z}{\partial x} \frac{\partial x}{\partial s} + \frac{\partial z}{\partial y} \frac{\partial y}{\partial s}$$
 analogomente para $t y \in A$

$$\frac{\partial^2}{\partial x} = \frac{\partial}{\partial x} x^4 + x^2 y = \frac{\partial}{\partial x} x^4 + \frac{\partial}{\partial x} x^2 y = 4x^3 + 2xy$$

$$\frac{\partial z}{\partial y} = \frac{\partial}{\partial y} x^4 + x^2 = \frac{\partial}{\partial y} x^4 + \frac{\partial}{\partial y} x^2 y = x^2$$

$$\frac{\partial x}{\partial s} = \frac{\partial}{\partial s} s + 2\epsilon - 4 = \frac{\partial}{\partial s} s + \frac{\partial}{\partial s} 2\epsilon - \frac{\partial}{\partial s} u = 1$$

$$\frac{\partial y}{\partial s} = \frac{\partial}{\partial s} s t u^2 = t u^2 \frac{\partial}{\partial s} s = t u^2$$

$$\frac{\partial x}{\partial \xi} = \frac{\partial}{\partial \xi} + 2\xi - u = \frac{\partial}{\partial \xi} + \frac{\partial}{\partial \xi} + 2\xi - \frac{\partial}{\partial \xi} + u = 2$$

$$\frac{\partial x}{\partial t} = \frac{\partial}{\partial t} s t u^2 = s u^2 \frac{\partial}{\partial t} t = s u^2$$

$$\frac{\partial x}{\partial u} = \frac{\partial}{\partial u} s + 2t - u = \frac{\partial}{\partial u} s + \frac{\partial}{\partial u} 2t - \frac{\partial}{\partial u} u = -1$$

$$x = 4 + 2(2) - 1 = 7$$
 $y = (4)(2)(1)^2 = 8$ $x = 4$ $y = 4$

$$\frac{\partial^2}{\partial x} = (4x^3 + 2xy)(1) + (x^2)(tu^2) = 4x^3 + 2xy + x^2 + 4x^2 - 1582$$

$$\frac{\partial z}{\partial t} = (4x^3 + 2xy)(2) + (x^2)(5u^2) = 8x^3 + 4xy + x^2 su^2 - 3164$$

$$\frac{\partial z}{\partial t} = (4x^3 + 2xy)(-1)^{-1}(x^2)(25 + 64) = -4x^3 - 2xy + 2x^2 + 2x^2$$