$$\frac{\partial x_0}{\partial x_0} \frac{\partial y_0}{\partial x_0} = \frac{\partial x_0}{\partial x_0} + \frac{\partial x_0}{\partial x_0} + \frac{\partial x_0}{\partial x_0} = \frac{\partial x_0}{\partial x_0} + \frac{\partial x_0}{\partial x_0} = \frac{\partial x_0}{\partial x_0} + \frac{\partial x_0}{\partial x_0} = \frac{\partial x_0}{\partial x_0} + \frac{\partial x_0}{\partial x_0} + \frac{\partial x_0}{\partial x_0} = \frac{\partial x_0}{\partial x_0} + \frac{\partial x_0}{\partial x_0} + \frac{\partial x_0}{\partial x_0} + \frac{\partial x_0}{\partial x_0} = \frac{\partial x_0}{\partial x_0} + \frac{\partial x_0}{\partial x$$