f(x,y)= e siny, poshodna po x mic nie zmienia, paryste potagi f(x,y)= e siny, poshodna po x mic nie zmieniaje tylko znek. $f(x,y) = f(0,0) + \frac{\partial f(0,0)x}{\partial x}(0,0)x + \frac{\partial f}{\partial y}(0,0)y + \frac{\partial^2 f}{\partial y}(0,0)x^2 + \frac{\partial^2 f}{\partial y$ $+\frac{\partial^2 f}{\partial x \partial y}(0,0)xy + \frac{1}{2}\frac{\partial^2 f}{\partial y^2}(0,0)y^2 + \frac{1}{6}\frac{\partial^3 f}{\partial x^3}(0,0)x^3 +$ $+\frac{1}{2}\frac{\partial^{2}f}{\partial x^{2}\partial y}(0,0)x^{2}y + \frac{1}{2}\frac{\partial^{3}f}{\partial x\partial y^{2}}(0,0)x^{2}y + \frac{1}{6}\frac{\partial^{3}f}{\partial y^{3}}(0,0)y^{3} + R_{*}(x,y)^{6}$ $y + xy + \frac{1}{2}x^{2}y - \frac{1}{6}y^{3} + R_{r}(x,y)$