



Listado 4
Soluciones
Cálculo III (521227)

1. $F(x, y) = x - y.$

5. $2 \frac{\partial^2 z}{\partial x^2} + 2x \frac{\partial^2 z}{\partial y \partial x} + (x^2 - 2y) \frac{\partial^2 z}{\partial y^2}$

7. 0

8. $x \frac{\partial^2 z}{\partial x^2} + y \frac{\partial^2 z}{\partial x \partial y}$