

$$F(s, t) = f(x(s), y(s))$$

$$z = \nabla F(0, 1) \cdot (s, t - 1) + F(0, 1) =$$

Busco $\nabla F(0, 1)$

$$\nabla F(s, t) = (F_s(s, t), F_t(s, t))$$

- $F_s(s, t) = f_x(x(s, t), y(s, t)) \cdot x_s(s, t) + f_y(x(s, t), y(s, t)) \cdot y_s(s, t) =$
- $F_t(s, t) = f_x(x(s, t), y(s, t)) \cdot x_t(s, t) + f_y(x(s, t), y(s, t)) \cdot y_t(s, t) =$