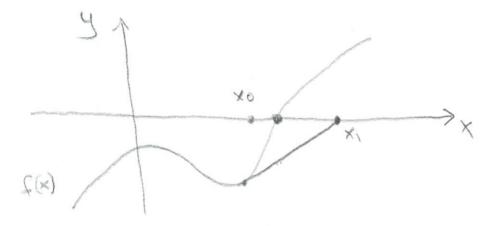
Differential Correction

Terminology

For some T

Newton's method



$$X' = \frac{\omega}{-\rho} = \frac{2(x^{0})}{2(x^{0})x^{0} - 2(x^{0})} = x^{0} - \frac{2(x^{0})}{2(x^{0})}$$

System of equations

$$J_{f}(x_{0})(x_{1}-x_{0})=-f(x)$$

C+0x0-CF

$$\frac{\partial c}{\partial c_0} = \frac{\partial f(c)}{\partial c_0} = \frac{\partial f(c)}{\partial c} = \frac{\partial c}{\partial c}$$

State Transition Matrix (STM)

$$c = f(c)$$