

$$x' = 2 - y^2 - ((x^2 - 2)^2 + (y^2 - 2)^2 - 1)(x^2 - 2) - 0.2x$$

$$y' = x^2 - 2 - ((x^2 - 2)^2 + (y^2 - 2)^2 - 1)(y^2 - 2)$$

