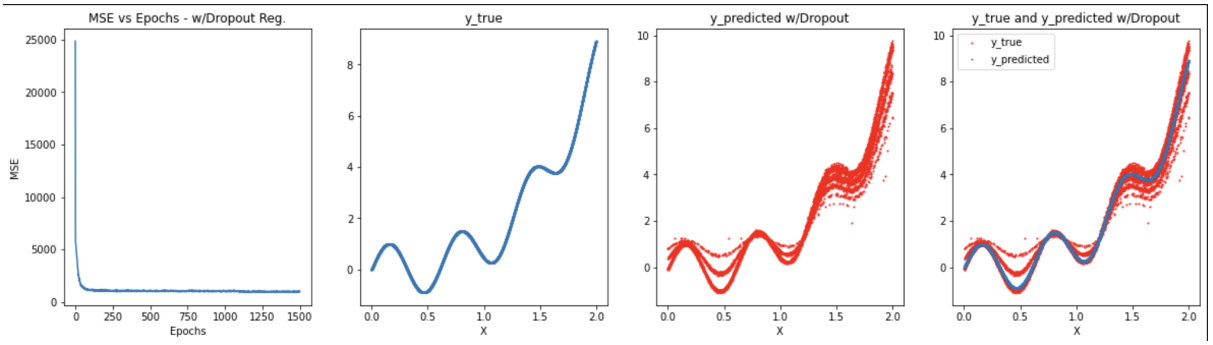
Pruebas de Regularización ej Nro 2

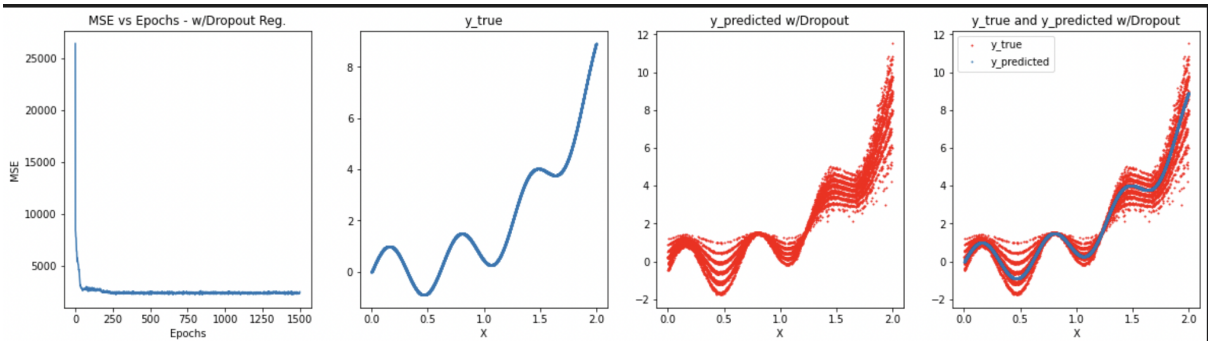
Red: Entrada + 2 hidden layers + output

1 capa de dropout en la última hidden layer

1) p=0.1, lr = 0.001 y nro_epochs=1500, Loss aprox 990

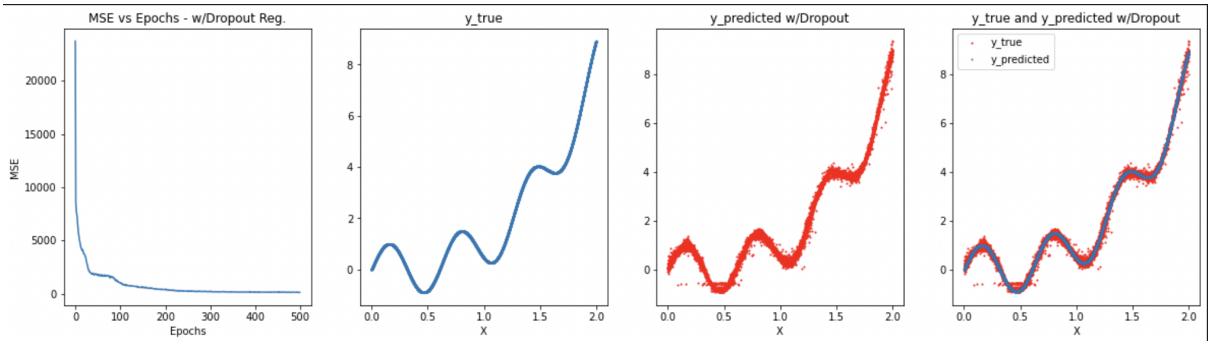


2) p=0.3, lr = 0.001 y nro_epochs=3000, Training loss aprox 2500



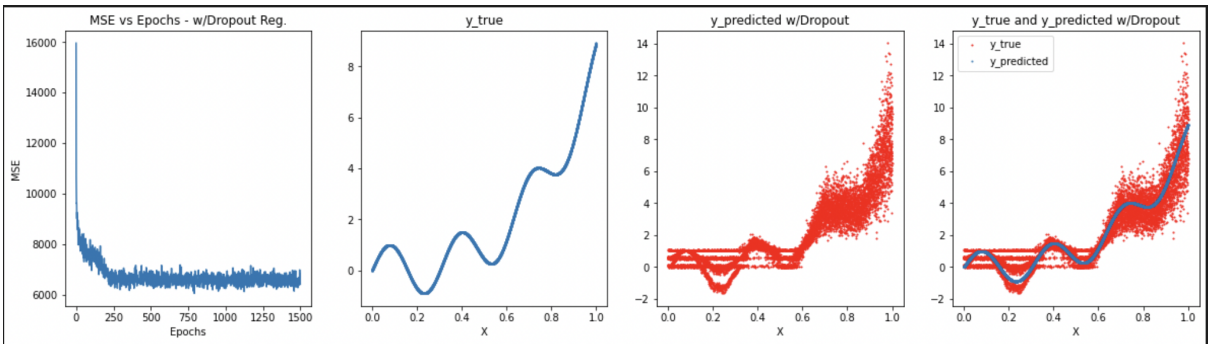
1 capa de dropout en la primera hidden layer

3) p=0.40, lr = 0.001 y nro_epochs=2000, training loss aprox. 200

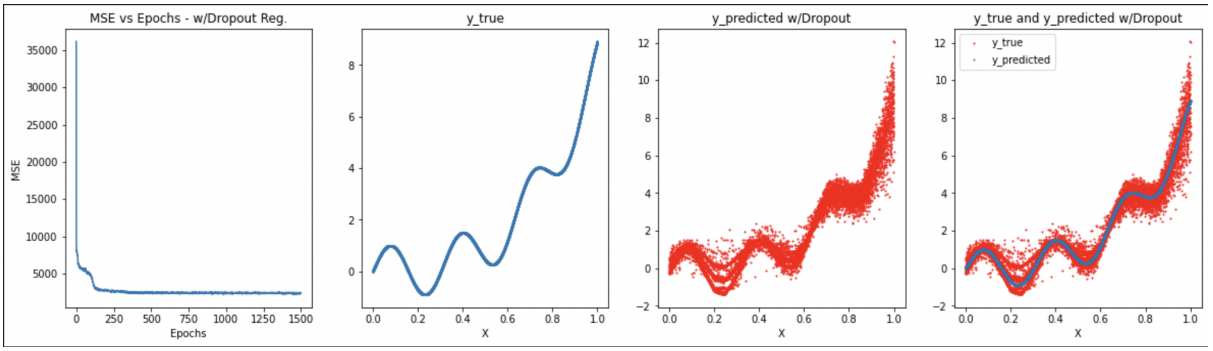


2 capas de dropout (en las 2 hidden)

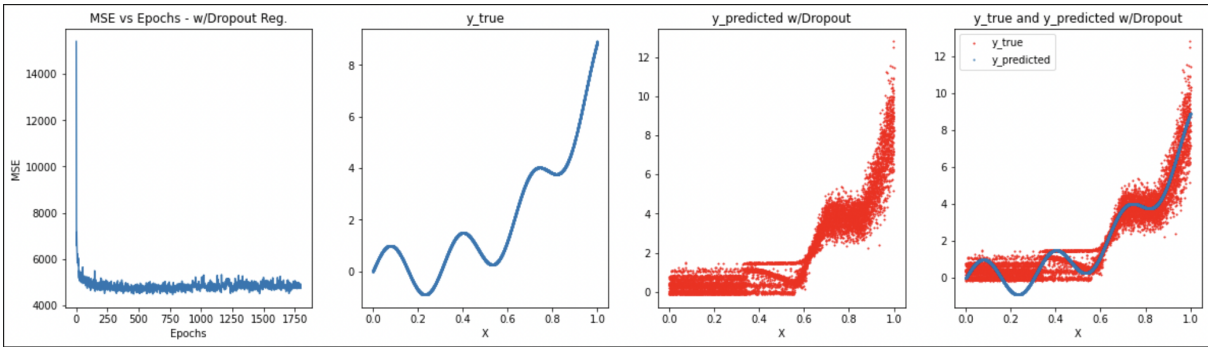
4) 2 x ρ=0.4, lr = 0.001 y nro_epochs=1500



5) 2 x ρ=0.2, lr = 0.001 y nro_epochs=1500

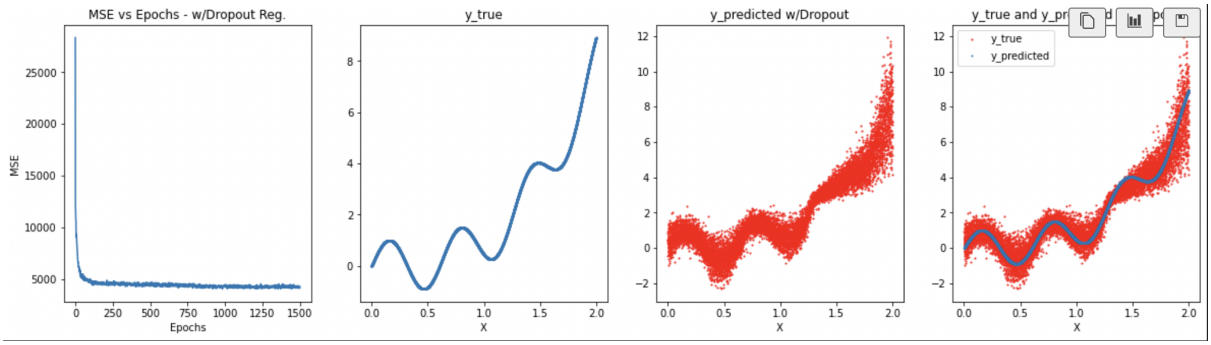


6) 2 x ρ=0.2, lr = 0.01 y nro_epochs=1800 (pruebo bajando el learning rate)

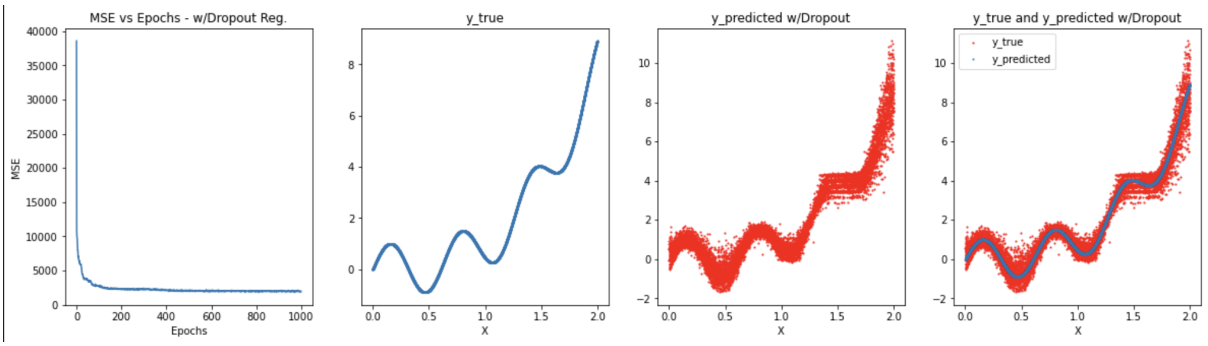


3 capas de dropout

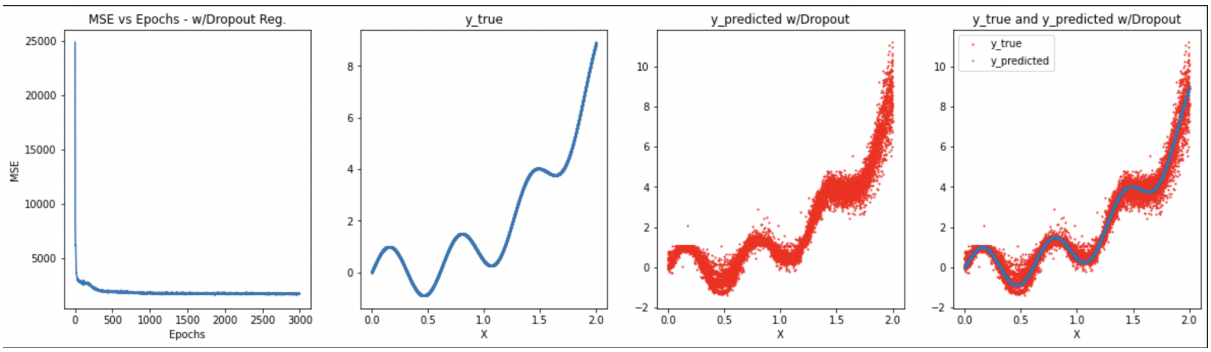
7) Input layer ρ=0.1, hidden layers ρ=0.4 y 0.3 - lr = 0.001 y nro_epochs=1500
Loss approx 4000



8) Input layer ρ=0.1, hidden layers ρ=0.2 - lr = 0.001 y nro_epochs=1000



9) Input layer ρ=0.1, hidden layers ρ=0.2 - lr = 0.001 y nro_epochs=3000 - Loss aprox = 1800



10) 3 x ρ=0.1, lr = 0.001 y nro_epochs=3000, Loss aprox 990