

Ejercicio Obligatorio 01:

Métodos de Optimización
NO lineal

Resultados

| | W | w | w_0 | Error | Tiempo (s) |
|--------------------------|--|--|--------------------------|---------------------------|--------------------|
| Gradiente Descendente | [6.33723105 6.61920235 6.61920235] | [-6.33922908 1.61216852 5.44763574] [-6.33922908 1.61216852 5.44763574] | [0.2374393 0.2374393] | 5.14142932227 6693e-06 | 0:00:00.004 896 |

Resultados

| | W | w | w_0 | Error | Tiempo (s) |
|---------------------|---|--|--------------------------|---------------------------|--------------------|
| Gradiente Conjugado | [6.1497914 7.12182008 7.12182008] | [-2.76091052 0.5392962 2.34593898] [-2.76091052 0.5392962 2.34593898] | [0.0628374 0.0628374] | 4.7207169719 89189e-06 | 0:00:00.0125 15 |

Resultados

| | W | w | w_0 | Error | Tiempo (s) |
|------|--|--|----------------------------|----------------------------|--------------------|
| ADAM | [7.67397537 7.50434412 7.50434412] | [-6.2085095 4.04098028 5.84194243] [-6.2085095 4.04098028 5.84194243] | [4.15293858 4.15293858] | 1.0662493929 658277e-06 | 0:00:00.4426 91 |