|  |  |  |
| --- | --- | --- |
| Learning rate | Start random point (a, b) | Result point (x, y) |
| 0.0001 | -1 , 1 | -0.047659714093396116, -1.0250714227963449 |
| 0.001 | -3, -5 | -0.015206886710109413, -5.078205953138831 |
| 0.01 | -4, 1 | 0.11404905739543347, 0.3379785164351669 |
| 0.00001 | 1, 4 | -0.01312987556904459, 4.0656806926604645 |
| 0.0001 | -5, 2 | -0.022271299051083736, 2.043406429472501 |
| 0.1 | 1, -3 | 0.0999572442105903, -37.26996234854599 |
| 0.001 | 0, -4 | 0.010279405828386415, -4.080470128456145 |
| 0.0001 | 2, -1 | -0.047653345525554856, -1.025063022204444 |
| 0.01 | -2 4 | -0.013957203261873186 3.3935989116817904 |
| 0.00001 | -7, 1 | 0.0476237013872629 1.024598730173941 |