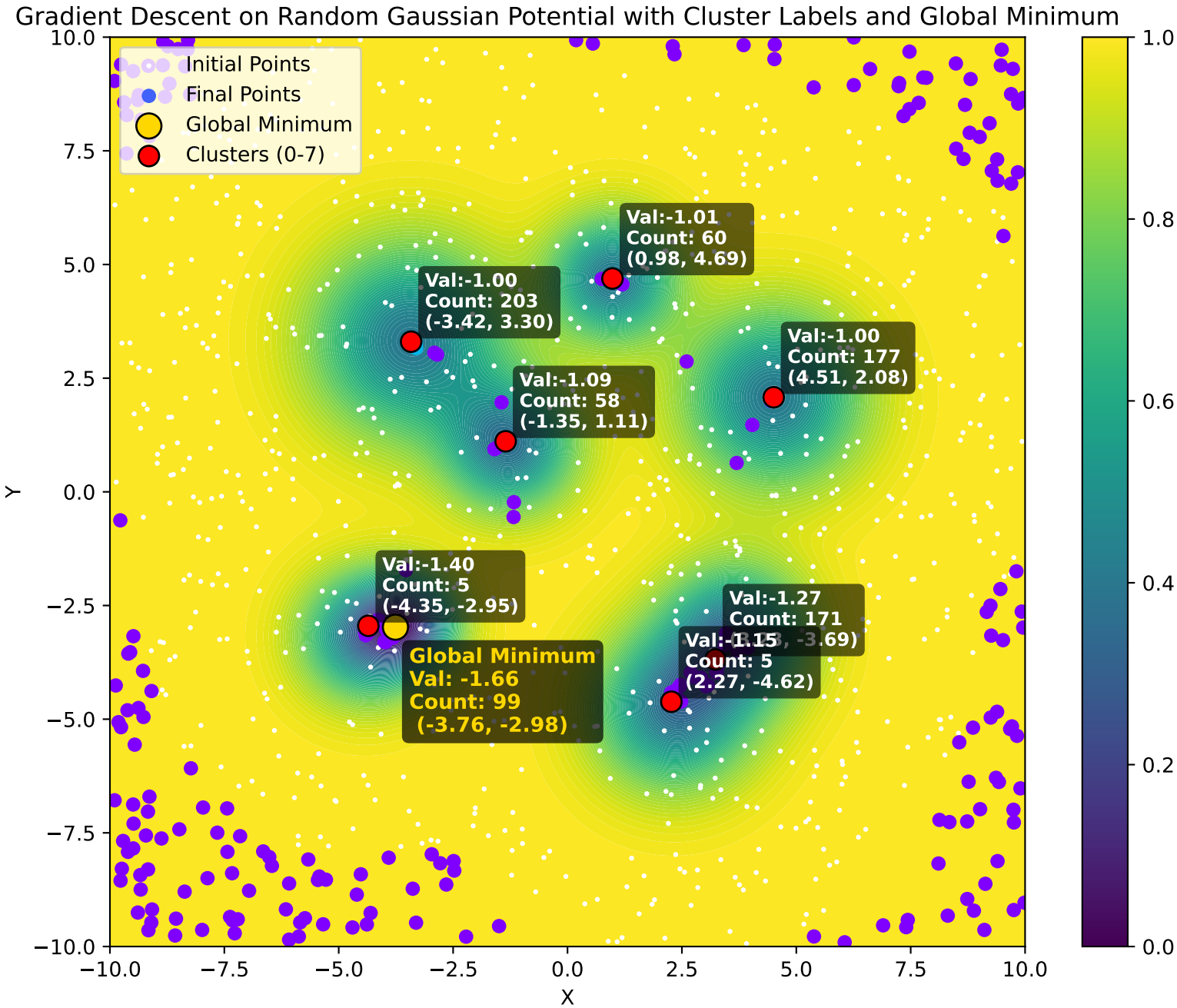
Gradient Descent on Random Gaussian Potential with Cluster Labels and Global Minimum
Initial Points
Final Points
Global Minimum
Clusters (0-7)
Val:-1.01
Count: 60
(0.98, 4.69)
Val:-1.00
Count: 203
(-3.42, 3.30)
Val:-1.00
Count: 177
(4.51, 2.08)
Val:-1.09
Count: 58
(-1.35, 1.11)
Val:-1.40
Count: 5
(-4.35, -2.95)
Val:-1.27
Count: 171
Val:-1.15
Count: 5
(2.27, -4.62)
Global Minimum
Val: -1.66
Count: 99
(-3.76, -2.98)
X
Y
10.0
7.5
5.0
2.5
0.0
−2.5
−5.0
−7.5
−10.0
1.0
0.8
0.6
0.4
0.2
0.0