Left panel: Training Size=100
- y-axis: Conductance $[\Omega]$
- x-axis: Iteration

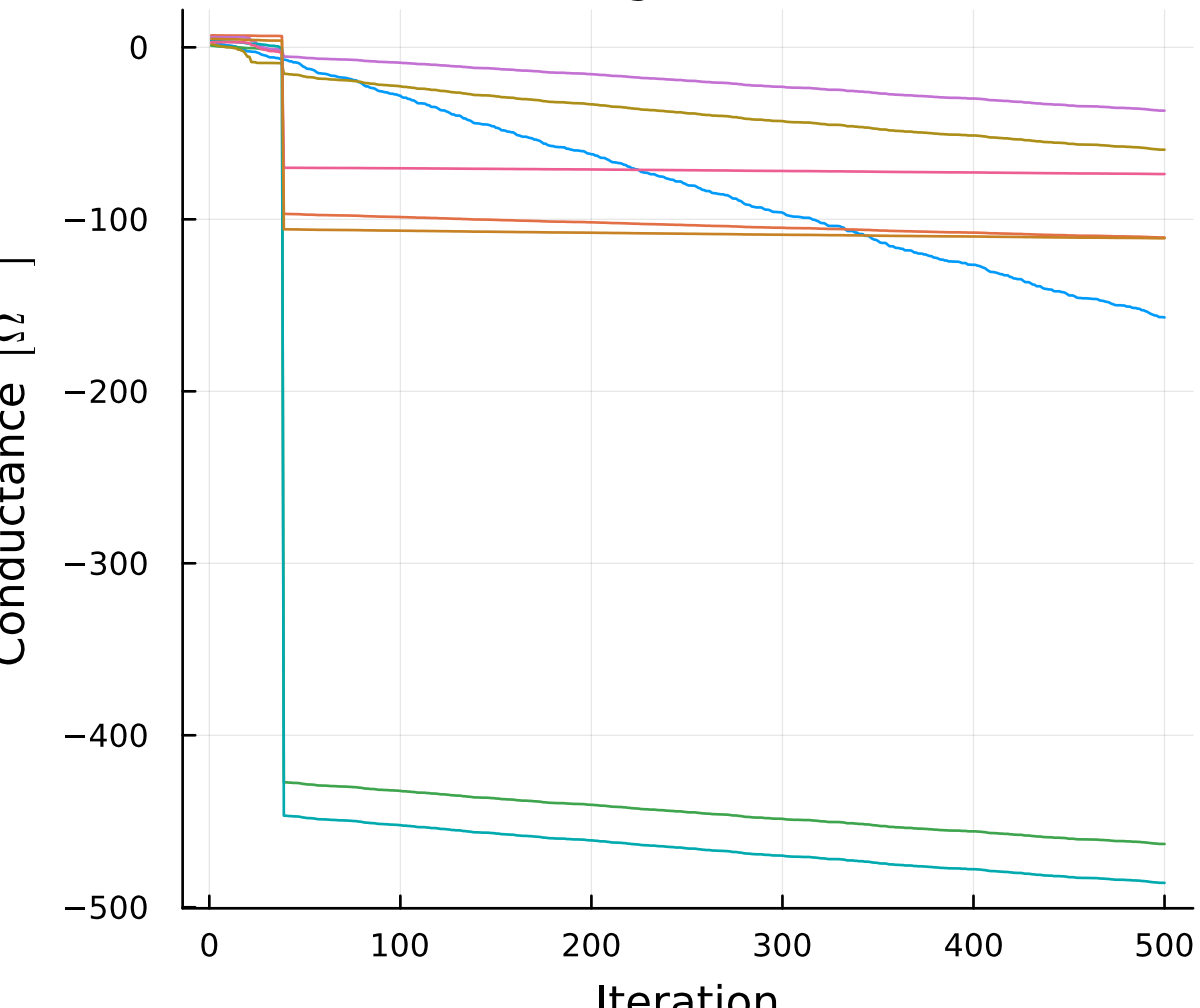**Right panel:** Learning Rate: $\alpha = 0.1$, Noise Std Dev: $\sigma =$
- y-axis: y
- x-axis: x
- Legend:
  - $y = ax + b + \xi(\sigma)$
  - Predicted