Neural Network Learning: Decision Boundary Evolution

Epoch 0 — Accuracy: 48.0%
Epoch 1 — Accuracy: 50.0%
Epoch 5 — Accuracy: 50.0%
Epoch 10 — Accuracy: 50.0%
Epoch 20 — Accuracy: 50.0%
Epoch 50 — Accuracy: 50.0%
Epoch 100 — Accuracy: 49.0%
Epoch 200 — Accuracy: 49.0%

Random initialization

Converged solution

Class 0   Class 1   - - - Decision boundary