BER = 0.000001

2025-11-09 12:45:31,361 - INFO : run-mode: test_FI

2025-11-09 12:45:31,361 - INFO : args: model: lenet5, dataset: mnist, batch_size: 300, pruning_method: hm, is_FI: True, BER: 1e-06, repeat: 100,

2025-11-09 12:45:31,442 - INFO : Executing 'test_FI'

2025-11-09 12:46:18,504 - INFO : average number of faults: 50.5

2025-11-09 12:46:18,504 - INFO : golden accuracy: 92.33333587646484%

2025-11-09 12:46:18,504 - INFO : weight FI, average accuracy: 92.3332748413086%

2025-11-09 12:46:18,504 - INFO : average DUE: 0.0%

2025-11-09 12:46:18,504 - INFO : average critical SDC: 0.0%

2025-11-09 12:46:18,504 - INFO : average non-critical SDC: 100.0

BER = 0.000003

2025-11-09 12:46:40,338 - INFO : run-mode: test_FI

2025-11-09 12:46:40,338 - INFO : args: model: lenet5, dataset: mnist, batch_size: 300, pruning_method: hm, is_FI: True, BER: 3e-06, repeat: 100,

2025-11-09 12:46:40,418 - INFO : Executing 'test_FI'

2025-11-09 12:47:26,512 - INFO : average number of faults: 202.0

2025-11-09 12:47:26,513 - INFO : golden accuracy: 92.33333587646484%

2025-11-09 12:47:26,513 - INFO : weight FI, average accuracy: 90.5132827758789%

2025-11-09 12:47:26,513 - INFO : average DUE: 0.0%

2025-11-09 12:47:26,513 - INFO : average critical SDC: 2.0500000000000003%

2025-11-09 12:47:26,513 - INFO : average non-critical SDC: 97.94999999999999

BER = 0.00001

2025-11-09 12:47:50,366 - INFO : run-mode: test_FI

2025-11-09 12:47:50,366 - INFO : args: model: lenet5, dataset: mnist, batch_size: 300, pruning_method: hm, is_FI: True, BER: 1e-05, repeat: 100,

2025-11-09 12:47:50,445 - INFO : Executing 'test_FI'

2025-11-09 12:48:38,437 - INFO : average number of faults: 909.0

2025-11-09 12:48:38,437 - INFO : golden accuracy: 92.33333587646484%

2025-11-09 12:48:38,437 - INFO : weight FI, average accuracy: 85.41661834716797%

2025-11-09 12:48:38,437 - INFO : average DUE: 0.0%

2025-11-09 12:48:38,437 - INFO : average critical SDC: 7.61%

2025-11-09 12:48:38,437 - INFO : average non-critical SDC: 92.39

BER = 0.00003

2025-11-09 12:49:10,800 - INFO : run-mode: test_FI

2025-11-09 12:49:10,800 - INFO : args: model: lenet5, dataset: mnist, batch_size: 300, pruning_method: hm, is_FI: True, BER: 3e-05, repeat: 100,

2025-11-09 12:49:10,888 - INFO : Executing 'test_FI'

2025-11-09 12:50:01,167 - INFO : average number of faults: 2878.5

2025-11-09 12:50:01,167 - INFO : golden accuracy: 92.33333587646484%

2025-11-09 12:50:01,167 - INFO : weight FI, average accuracy: 72.5766372680664%

2025-11-09 12:50:01,167 - INFO : average DUE: 0.0%

2025-11-09 12:50:01,167 - INFO : average critical SDC: 22.050000000000004%

2025-11-09 12:50:01,167 - INFO : average non-critical SDC: 77.95000000000002

BER = 0.0001

2025-11-09 13:03:52,107 - INFO : run-mode: test_FI

2025-11-09 13:03:52,107 - INFO : args: model: lenet5, dataset: mnist, batch_size: 300, pruning_method: hm, is_FI: True, BER: 0.0001, repeat: 100,

2025-11-09 13:03:52,192 - INFO : Executing 'test_FI'

2025-11-09 13:04:53,191 - INFO : average number of faults: 9797.0

2025-11-09 13:04:53,191 - INFO : golden accuracy: 92.33333587646484%

2025-11-09 13:04:53,191 - INFO : weight FI, average accuracy: 44.116676330566406%

2025-11-09 13:04:53,192 - INFO : average DUE: 0.0%

2025-11-09 13:04:53,192 - INFO : average critical SDC: 53.42%

2025-11-09 13:04:53,192 - INFO : average non-critical SDC: 46.57999999999999

BER = 0.0003

2025-11-09 13:05:16,358 - INFO : run-mode: test_FI

2025-11-09 13:05:16,359 - INFO : args: model: lenet5, dataset: mnist, batch_size: 300, pruning_method: hm, is_FI: True, BER: 0.0003, repeat: 100,

2025-11-09 13:05:16,458 - INFO : Executing 'test_FI'

2025-11-09 13:06:50,818 - INFO : average number of faults: 29694.0

2025-11-09 13:06:50,818 - INFO : golden accuracy: 92.33333587646484%

2025-11-09 13:06:50,818 - INFO : weight FI, average accuracy: 16.269996643066406%

2025-11-09 13:06:50,818 - INFO : average DUE: 0.0%

2025-11-09 13:06:50,818 - INFO : average critical SDC: 83.49000000000004%

2025-11-09 13:06:50,818 - INFO : average non-critical SDC: 16.509999999999998