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(.venv) ubuntu@146-235-212-176:~/proj/mod3-Navxihziq$ python project/run_fast_tensor.py --BACKEND cpu --HIDDEN 100 --DATASET xor --RATE 0.05
Epoch 0 loss 5.754644474358288 correct 38 time 32.90s time per epoch 32.90s
Epoch 10 loss 4.668400473097102 correct 44 time 163.09s time per epoch 14.83s
Epoch 20 loss 4.186727796901005 correct 39 time 287.90s time per epoch 13.71s
Epoch 30 loss 2.368754801666736 correct 44 time 459.23s time per epoch 14.81s
Epoch 40 loss 2.93651503127627 correct 43 time 637.10s time per epoch 15.54s
Epoch 50 loss 2.767497908824362 correct 46 time 800.40s time per epoch 15.69s
Epoch 60 loss 2.883728761749026 correct 47 time 937.66s time per epoch 15.37s
Epoch 70 loss 3.599298356614441 correct 45 time 1082.65s time per epoch 15.25s
Epoch 80 loss 4.630606163808956 correct 44 time 1265.51s time per epoch 15.62s
Epoch 90 loss 1.5896193515560675 correct 47 time 1431.61s time per epoch 15.73s
Epoch 100 loss 1.0045923931480963 correct 45 time 1542.42s time per epoch 15.27s
Epoch 110 loss 2.0592190242254644 correct 46 time 1605.49s time per epoch 14.46s
Epoch 120 loss 4.080515545245338 correct 46 time 1673.11s time per epoch 13.83s
Epoch 130 loss 1.6710399269940734 correct 47 time 1739.91s time per epoch 13.28s
Epoch 140 loss 2.4290992359368433 correct 47 time 1802.28s time per epoch 12.78s
Epoch 150 loss 2.621350065889716 correct 48 time 1856.94s time per epoch 12.30s
Epoch 160 loss 1.6262897653763002 correct 48 time 1864.92s time per epoch 11.58s
Epoch 170 loss 1.7120860103780235 correct 47 time 1865.50s time per epoch 10.91s
Epoch 180 loss 2.8526594307144286 correct 47 time 1866.07s time per epoch 10.31s
Epoch 190 loss 1.2219833369771198 correct 47 time 1866.65s time per epoch 9.77s
Epoch 200 loss 0.8459799766361761 correct 48 time 1867.22s time per epoch 9.29s
Epoch 210 loss 1.5358092897054958 correct 47 time 1867.80s time per epoch 8.85s
Epoch 220 loss 2.394709260487286 correct 47 time 1868.37s time per epoch 8.45s
Epoch 230 loss 3.4884482310512106 correct 48 time 1868.95s time per epoch 8.09s
Epoch 240 loss 1.7850805400288865 correct 47 time 1869.52s time per epoch 7.76s
Epoch 250 loss 1.5664356352639803 correct 48 time 1870.10s time per epoch 7.45s
Epoch 260 loss 0.9277170434978458 correct 47 time 1870.67s time per epoch 7.17s
Epoch 270 loss 3.6335612788588625 correct 43 time 1871.25s time per epoch 6.90s
Epoch 280 loss 0.6740529377526386 correct 47 time 1871.82s time per epoch 6.66s
Epoch 290 loss 1.3462468279356623 correct 48 time 1872.40s time per epoch 6.43s
Epoch 300 loss 1.2819988161359424 correct 47 time 1873.01s time per epoch 6.22s
Epoch 310 loss 0.30934023679710415 correct 48 time 1873.58s time per epoch 6.02s
Epoch 320 loss 0.5730039262682568 correct 48 time 1874.16s time per epoch 5.84s
Epoch 330 loss 3.141696974442069 correct 48 time 1874.74s time per epoch 5.66s
Epoch 340 loss 1.6656871984143224 correct 45 time 1875.32s time per epoch 5.50s
Epoch 350 loss 0.9522340918295624 correct 48 time 1875.89s time per epoch 5.34s
Epoch 360 loss 1.3509611464609221 correct 49 time 1876.46s time per epoch 5.20s
Epoch 370 loss 1.6823132352355032 correct 48 time 1877.04s time per epoch 5.06s
Epoch 380 loss 0.28935126952880974 correct 48 time 1877.62s time per epoch 4.93s
Epoch 390 loss 2.7017300202556402 correct 49 time 1878.19s time per epoch 4.80s
Epoch 400 loss 1.4929511628561354 correct 49 time 1878.76s time per epoch 4.69s
Epoch 410 loss 1.0444300969019389 correct 48 time 1879.34s time per epoch 4.57s
Epoch 420 loss 2.4890737490472996 correct 49 time 1879.92s time per epoch 4.47s
Epoch 430 loss 2.2849609160615048 correct 49 time 1880.49s time per epoch 4.36s
Epoch 440 loss 0.9742376367495362 correct 49 time 1881.06s time per epoch 4.27s
Epoch 450 loss 0.061624338774118506 correct 49 time 1881.63s time per epoch 4.17s
Epoch 460 loss 0.11101031719580752 correct 49 time 1882.21s time per epoch 4.00s
Epoch 470 loss 0.3314695916593982 correct 49 time 1882.78s time per epoch 4.00s
Epoch 480 loss 1.0817226728171065 correct 49 time 1883.35s time per epoch 3.92s
Epoch 490 loss 2.3290008785945524 correct 49 time 1883.93s time per epoch 3.84s
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