

Experiment Report

Start of automated test report 2023-05-03 19:52:59

Author=UNKNOWN@workstation obo Luke Vassallo

Machine Information

sysname=Linux

nodename=workstation

release=5.19.0-40-generic

version=#41~22.04.1-Ubuntu SMP PREEMPT_DYNAMIC Fri Mar 31 16:00:14 UTC 2

machine=x86_64

CPU arch : X86_64

CPU bits : 64

CPU brand : Intel(R) Core(TM) i7-10700K CPU @ 3.80GHz

CPU cores : 8

CPU base clock : 3.8000 GHz

CPU boost clock : 3.7920 GHz

System Memory : 31.35GB

Nvidia driver version : 525.105.17

Device 0 : NVIDIA GeForce GTX 1080

Device 0 : 8.0GB

Library Information

python : 3.8.16

torch : 1.13.1+cu117

optuna : 3.1.0

numpy : 1.23.3

pandas : 1.5.3

matplotlib : 3.7.1

seaborn : 0.12.2

pcb library: generation of .pcb files.

Library version : 0.0.12

Library built with : C++14

Library built on : Mar 3 2023 23:10:31

netlist_graph: Graph pre-processing library for PCB component placement.

Library version : 0.1.16

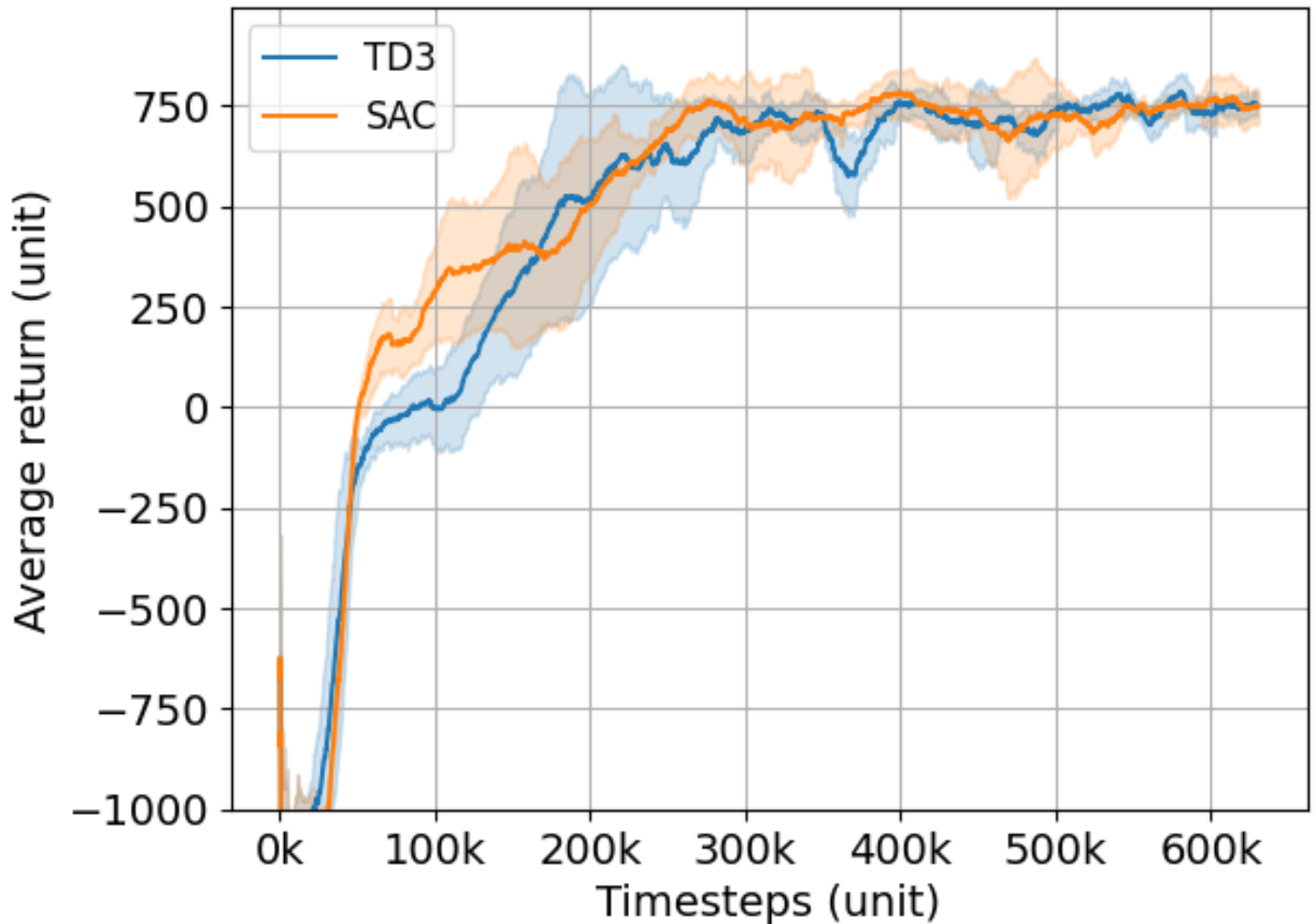
Library built with : C++14

Library built on : Mar 3 2023 23:10:32

Hpyerparameters

experiment=parameter_test_622
 experiments=['parameter_experiment_622']
 algorithms=['TD3', 'SAC']
 averaging window=100 (user assigned)

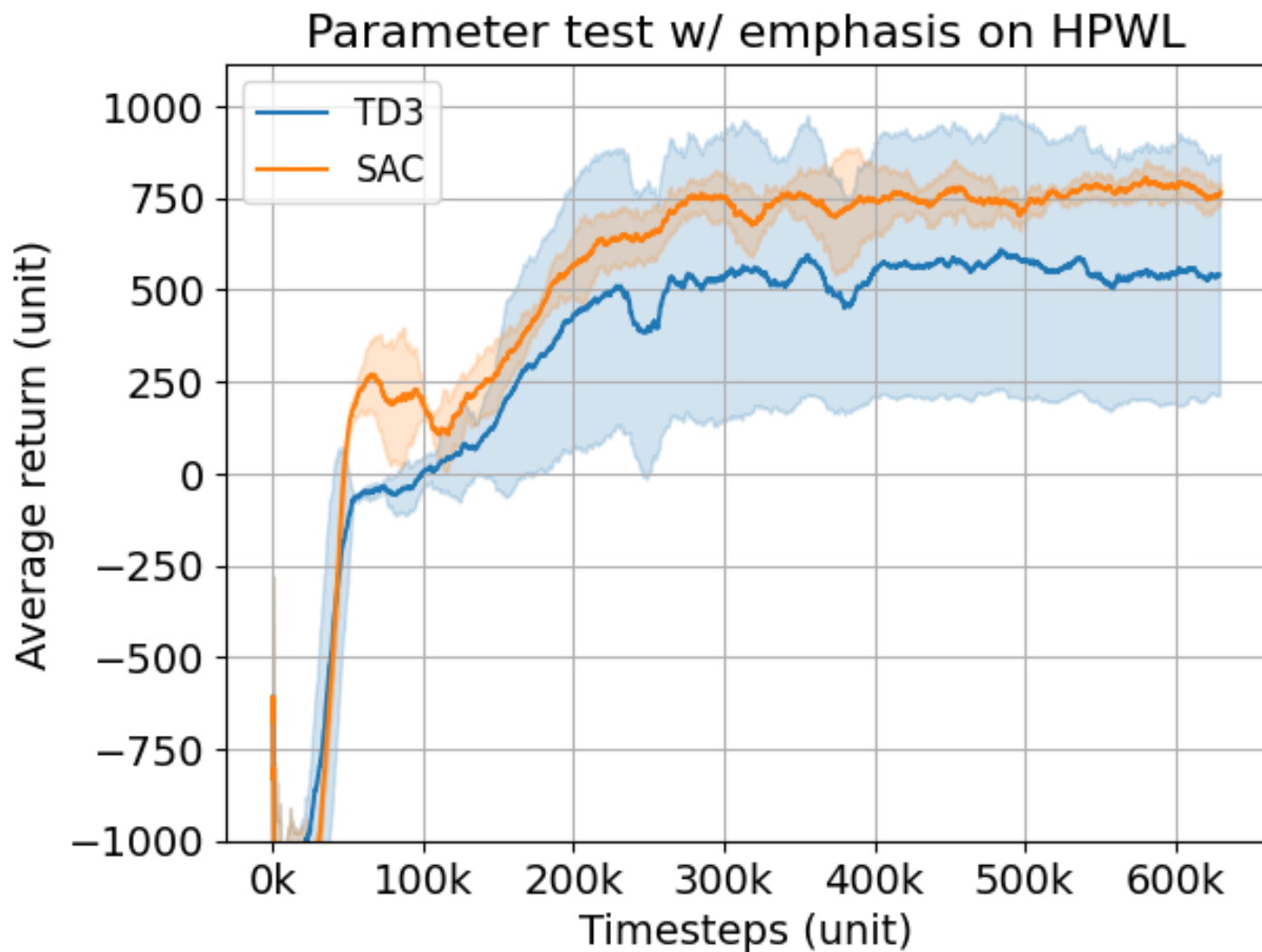
Parameter test w/ emphasis on EW



title	experiment_622:TD3	experiment_622:SAC
run #0	743.6061 ± 309.0807	725.5745 ± 220.1904
run #1	751.2783 ± 359.8702	771.0150 ± 279.0140
run #2	741.4312 ± 358.9707	746.5241 ± 307.2689
run #3	763.0121 ± 318.8054	727.8441 ± 283.5328
mean	749.8319 ± 336.6818	742.7394 ± 272.5015

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runs_involved=['1682846451_0', '1682846451_1', '1682846451_2',  
'1682846451_3', '1682978327_0', '1682978327_1', '1682978327_2',  
'1682978327_3']
```

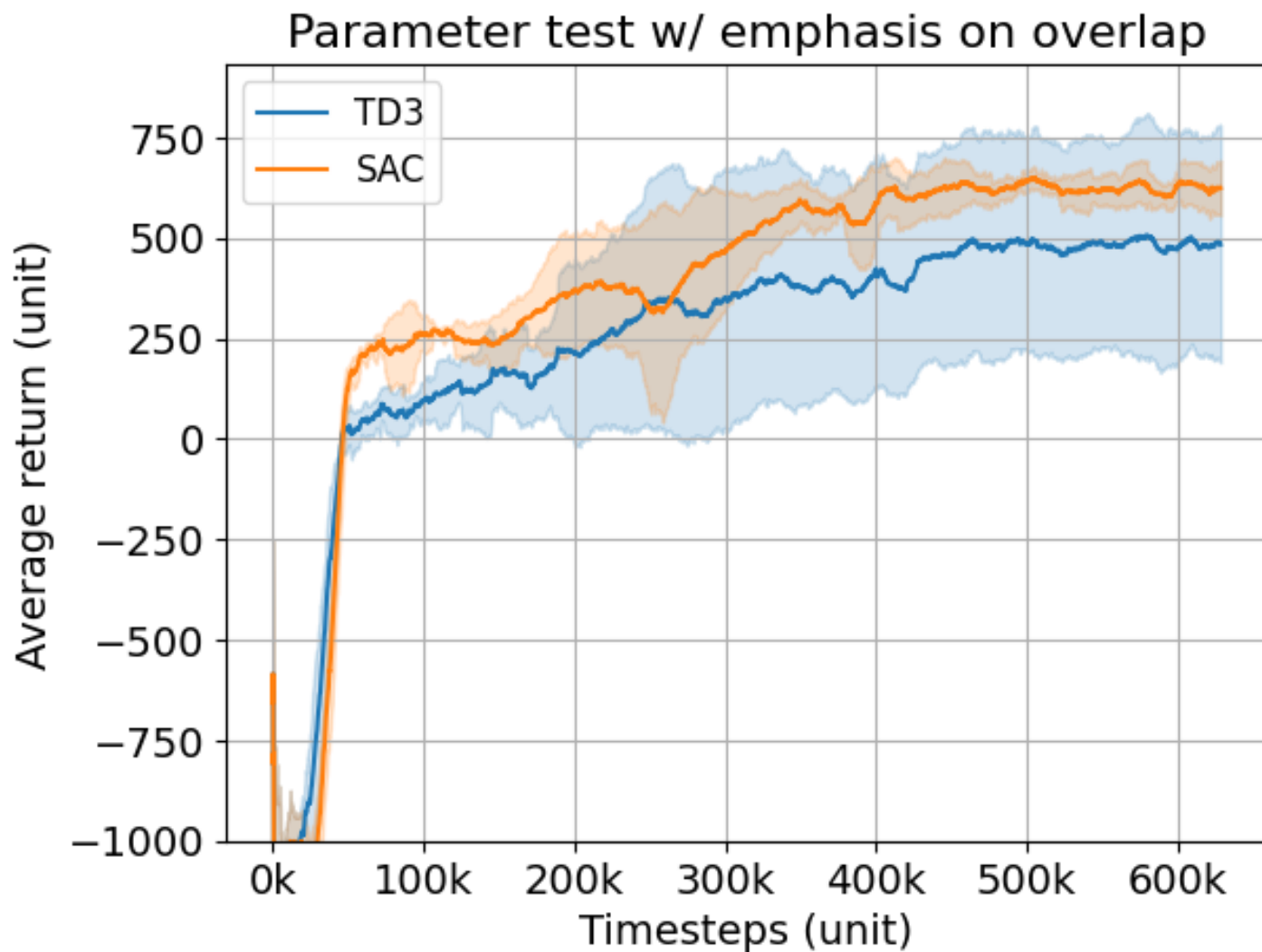
experiment=parameter_test_262
experiments=['parameter_experiment_262']
algorithms=['TD3', 'SAC']
averaging window=100 (user assigned)



title	experiment_262:TD3	experiment_262:SAC
run #0	30.5272 ± 163.1855	723.4950 ± 316.6581
run #1	745.8057 ± 340.5152	786.7637 ± 248.7527
run #2	700.1023 ± 377.7466	782.4779 ± 264.0618
run #3	695.3932 ± 380.8499	796.0088 ± 269.1210
mean	542.9571 ± 315.5743	772.1864 ± 274.6484

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runs_involved=['1682846453_0', '1682846453_1', '1682846453_2',  
'1682846453_3', '1682980649_0', '1682980649_1', '1682980649_2',  
'1682980649_3']
```

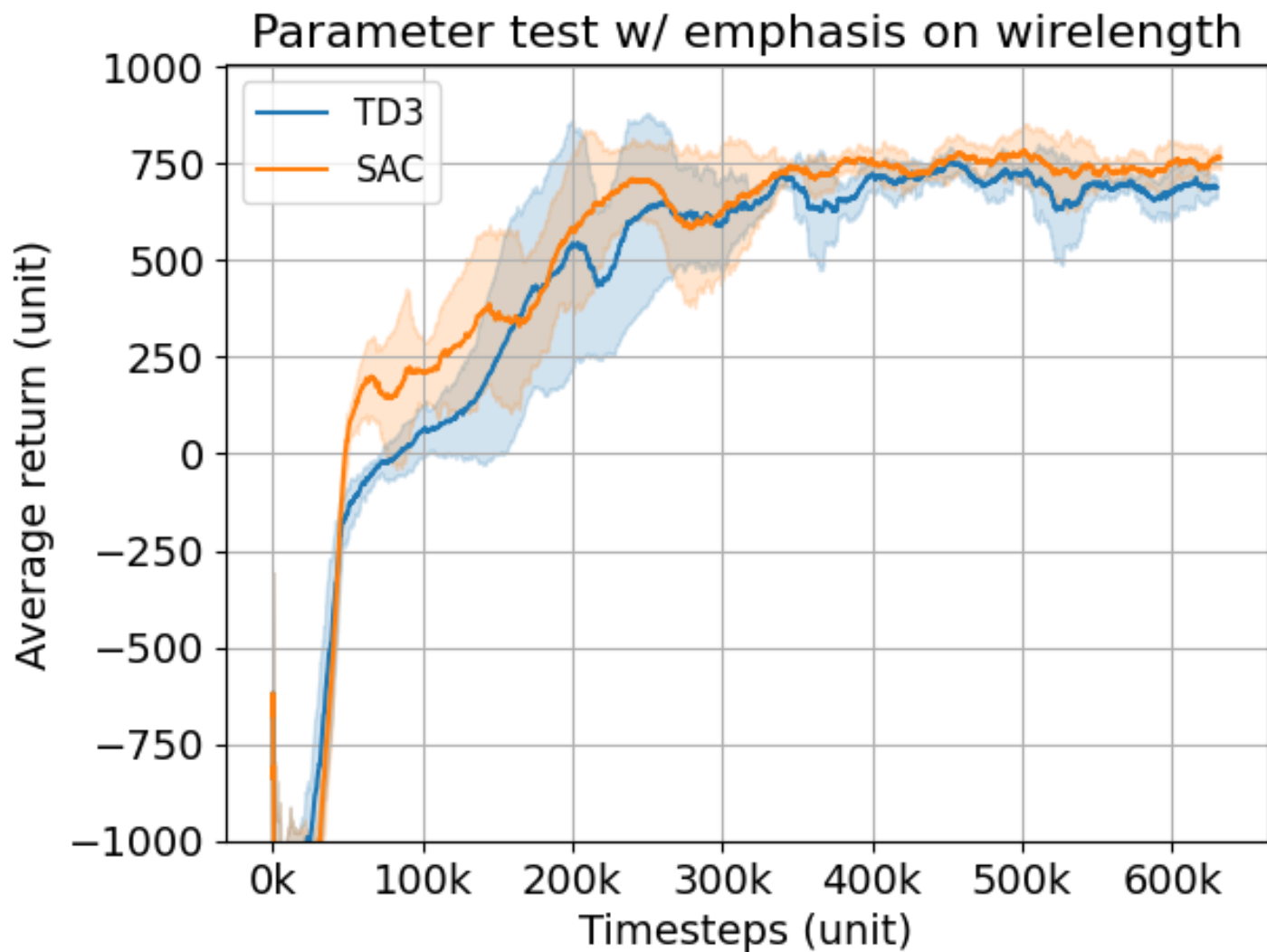
experiment=parameter_test_226
experiments=['parameter_experiment_226']
algorithms=['TD3', 'SAC']
averaging window=100 (user assigned)



title	experiment_226:TD3	experiment_226:SAC
run #0	632.4551 ± 241.4156	589.3834 ± 236.9269
run #1	64.0986 ± 254.6844	627.4091 ± 218.0095
run #2	614.0823 ± 263.4248	684.5754 ± 243.0923
run #3	632.7319 ± 218.5578	592.5679 ± 237.6972
mean	485.8420 ± 244.5206	623.4839 ± 233.9315

```
runs_involved=['1682846455_0', '1682846455_1', '1682846455_2',  
'1682846455_3', '1682980882_0', '1682980882_1', '1682980882_2',  
'1682980882_3']
```


experiment=parameter_test_442
 experiments=['parameter_experiment_442']
 algorithms=['TD3', 'SAC']
 averaging window=100 (user assigned)



title	experiment_442:TD3	experiment_442:SAC
run #0	686.4359 ± 345.2868	760.4616 ± 291.1245
run #1	686.3810 ± 360.1809	764.2289 ± 318.6727
run #2	660.8539 ± 358.0809	698.0813 ± 327.8408
run #3	696.8699 ± 308.1457	743.9708 ± 318.2000
mean	682.6352 ± 342.9236	741.6857 ± 313.9595

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runs_involved=['1682846457_0', '1682846457_1', '1682846457_2',  
'1682846457_3', '1682981272_0', '1682981272_1', '1682981272_2',  
'1682981272_3']
```

End of automated test report 2023-05-03 19:53:11