Experiment Report

Start of automated test report 2024-08-19 16:30:21
Author=yu@LabYu obo YiFei Yu

Machine Information

sysname=Linux
nodename=LabYu
release=6.5.0-44-generic
version=#44~22.04.1-Ubuntu SMP PREEMPT_DYNAMIC Tue Jun 18 14:36:16 UTC 2
machine=x86_64

CPU arch : X86_64
CPU bits : 64
CPU brand : 11th Gen Intel(R) Core(TM) i7-1165G7 @ 2.80GHz
CPU cores : 2
CPU base clock : 2.8000 GHz
CPU boost clock : 2.8032 GHz
System Memory : 7.71GB
Without use Cuda

Library Information

python : 3.8.19
torch : 1.13.1+cpu
optuna : 3.2.0
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

/home/yu/Work/RL_PCB-main/tests/08_training_ppo_cpu_fast/hyperparameters/hp_ppo.json

learning_rate:0.001

lr_critic:0.003

buffer_size:25000

n_steps:2048

batch_size:128

gamma:0.99

net_arch:{'pi': [300, 100], 'qf': [300, 100]}

activation_fn:relu

K_epochs:2

expl_noise:0.1

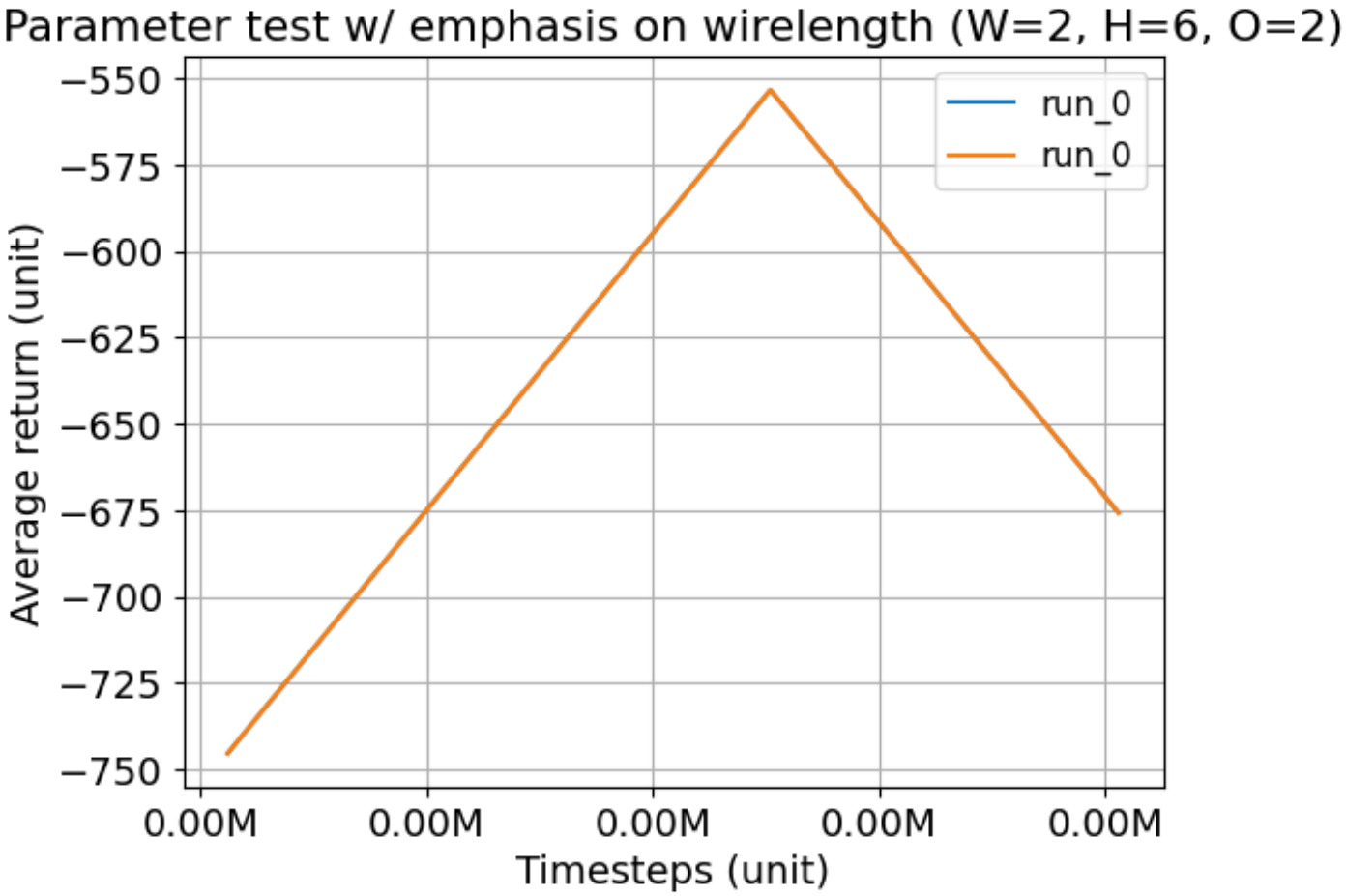
clip_param:0.2

max_grad_norm:0.5

tau:0.005

policy_freq:2

experiment=08_training_ppo_cpu_262
experiments=['training_ppo_cpu_262']
algorithms=['PPO']
averaging window=100 (user assigned)



title	ppo_cpu_262:PPO
run #0	-920.7267 ± nan
run #1	-920.7267 ± nan
mean	-920.7267 ± nan

runs_involved=['1724056097_0', '1724055816_0']

End of automated test report 2024-08-19 16:30:23