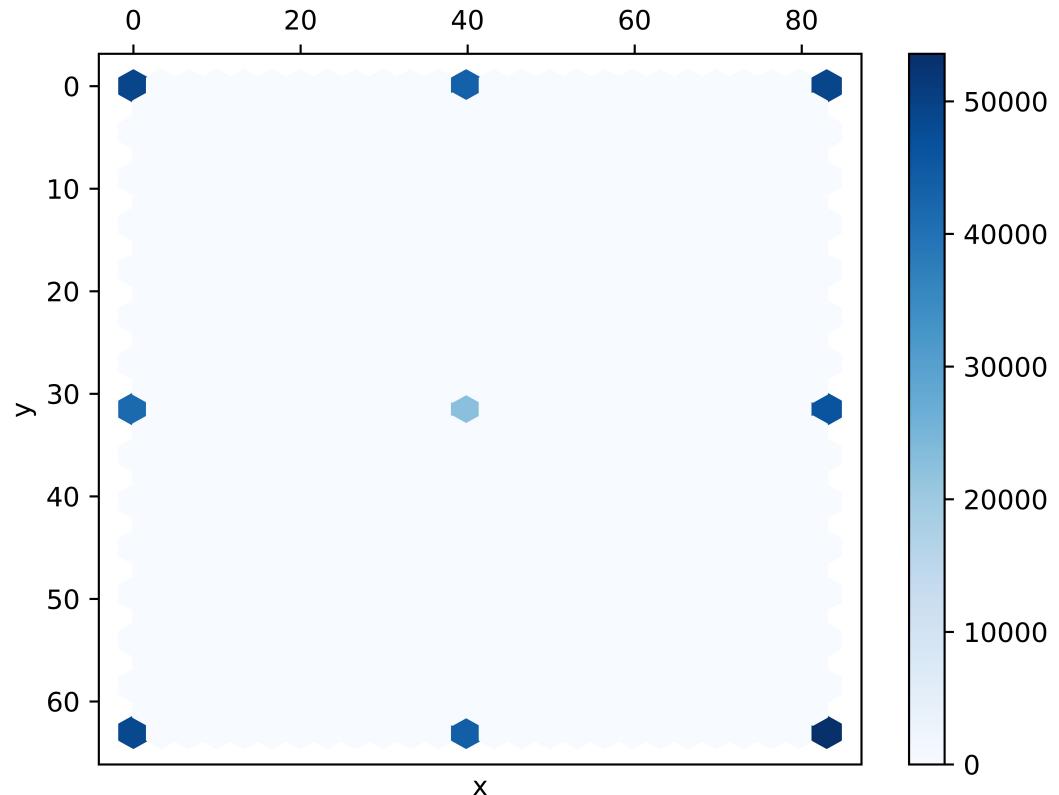


# oct\_29\_4

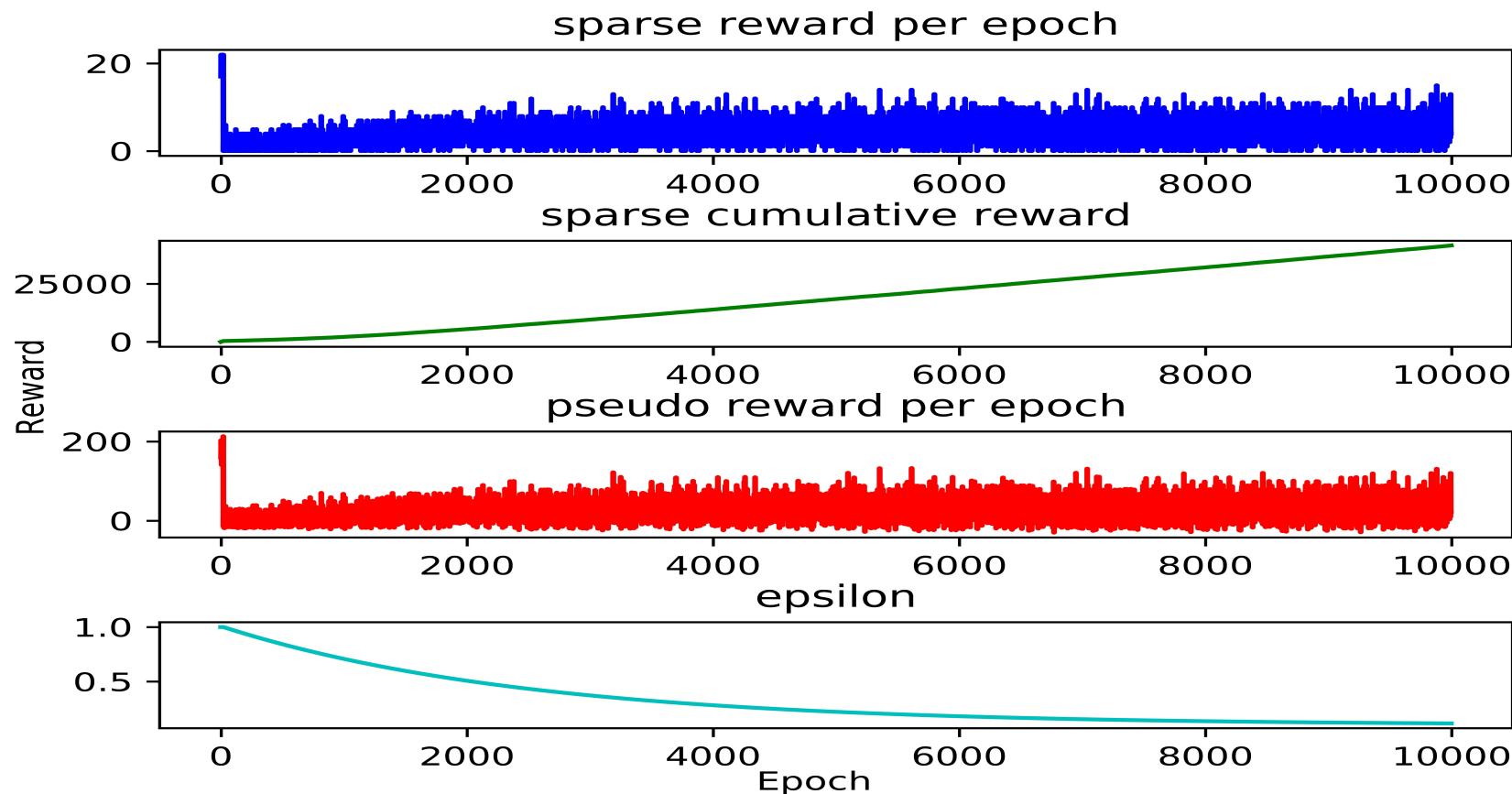
learning_rate	0.0001
gamma	0.999
batch_size	32
target_update_rate	5
num_episodes	10000
memory_size	175000
architecture	PytorchTutorialDQN
xy_factor	9
epsilon_decay	100000
map	MoveToBeacon
imitation_length	20
step_multiplier	48

# oct\_29\_4

Heatmap of chosen (x,y) pairs



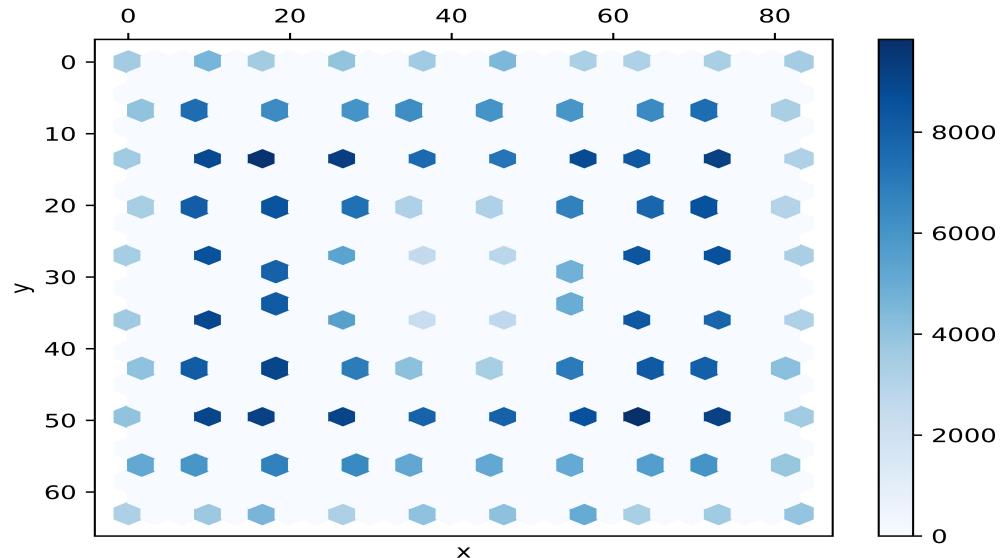
# oct\_29\_4



# Oct\_31\_1

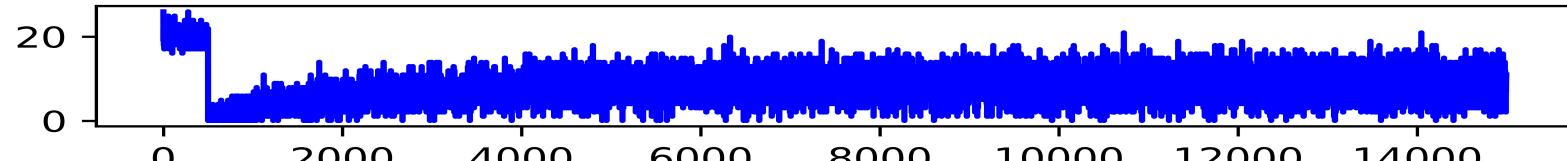
learning_rate	0.0001
gamma	0.999
batch_size	32
target_update_rate	5
num_episodes	15000
memory_size	175000
architecture	PytorchTutorialDQN
xy_factor	100
epsilon_decay	100000
map	MoveToBeacon
imitation_length	500
step_multiplier	48

# Oct\_31\_1

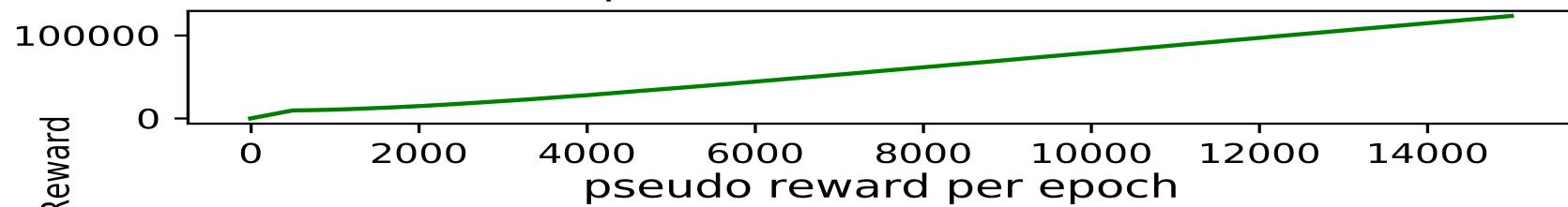


# Oct\_31\_1

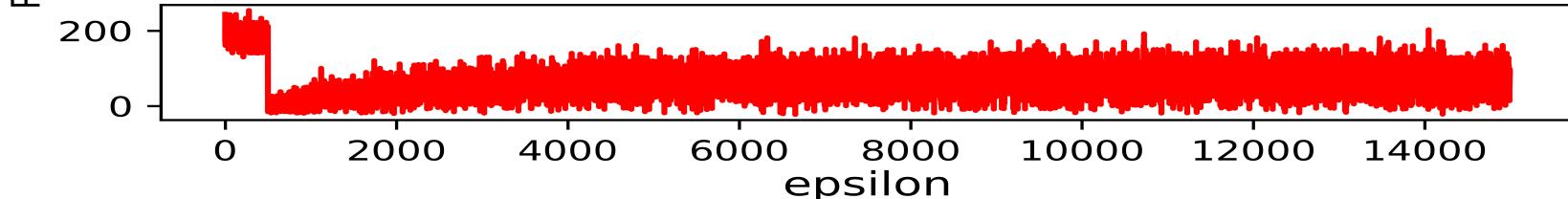
sparse reward per epoch



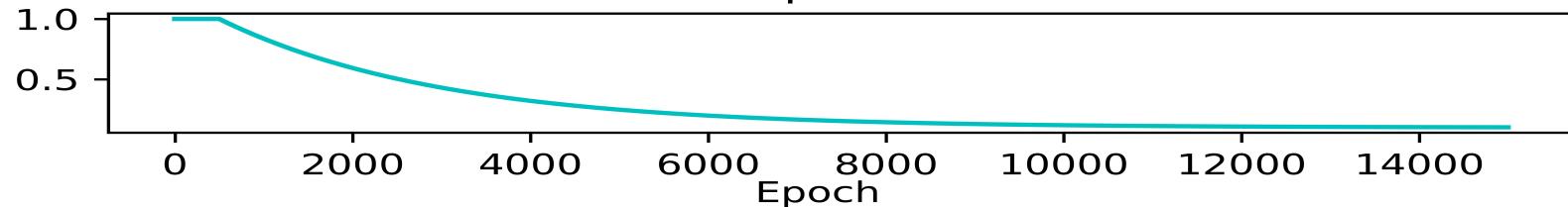
sparse cumulative reward



pseudo reward per epoch



epsilon

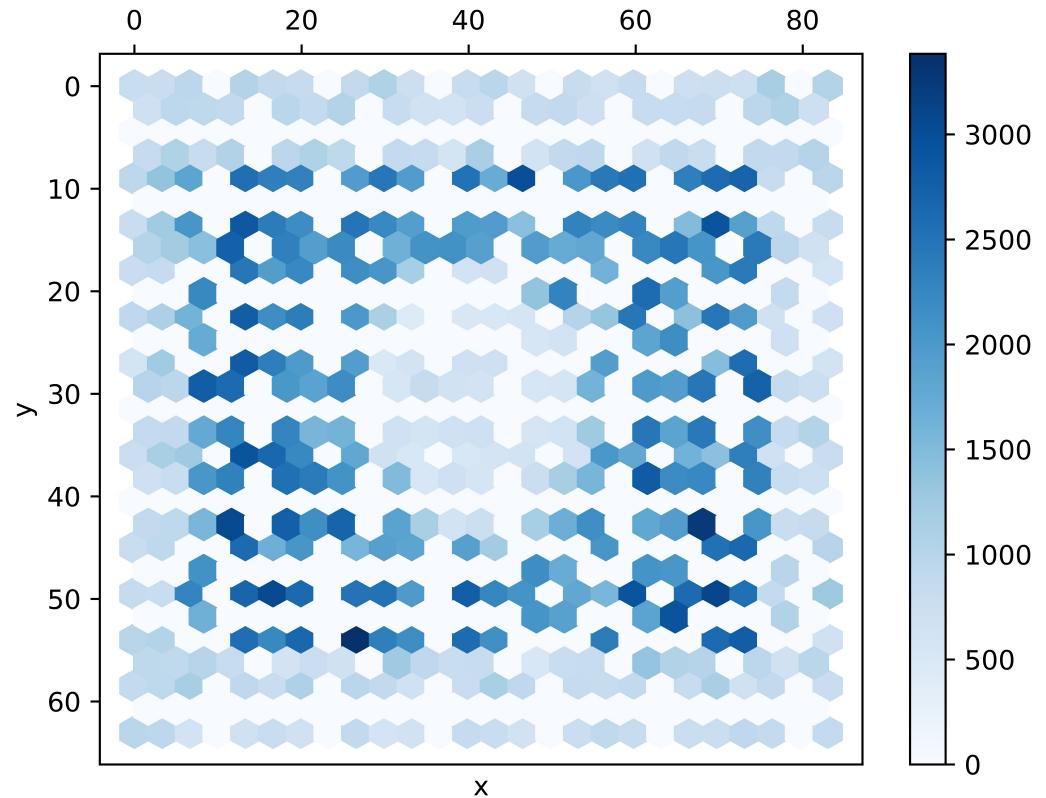


Epoch

# Oct\_31\_2

learning_rate	0.0001
gamma	0.999
batch_size	32
target_update_rate	5
num_episodes	15000
memory_size	175000
architecture	PytorchTutorialDQN
xy_factor	400
epsilon_decay	100000
map	MoveToBeacon
imitation_length	500
step_multiplier	48

# Oct\_31\_2



# Oct\_31\_2

