HYPERPARAMETERS:
random_string: T1
optimizer: Adam
noise_amplitude: 0.1
clip_gradients: True
max_gradient_norm: 10
regularization: None
regularization_lambda: 0
batch_size: 64
note_error_every_steps: 50
train_for_steps: 5000
save_network_every_steps: 5000
learning_rate: 0.0001
random_seed: 4324655
stop_training_at: 10

TASK PARAMETERS:
task_name: 2DIR10
input_direction_units: 100
delay0_from: 10
delay0_to: 20
delay1_from: 10
delay1_to: 90
delay2_from: 120
delay2_from: 120
delay2_from: 100
show_direction_for: 10
show_cue_for: 100
dim_input: 101
dim_output: 2
distractor_probability: 1.0

MODEL PARAMETERS:
 model_name: backpropCTRNN
 dim_input: 101
 dim_output: 2
 dim_recurrent: 100
 tau: 10
 nonlinearity: retanh
 input_bias: True
 output_bias: False
 connectivity_cos_exponent: 1

ADDITIONAL COMMENTS:
 Training criterion: MSE loss
 Noise added at every timestep of the trial Inputs NOT discretized

Networks trained with Adam from a random initialization.

Output sin/cos

NETWORK PERFORMANCE:

O1: mse= 0.0135, error= 8.78 deg (with noise), mse= 0.0051, error= 5.16 deg (no noise) O2: mse= 0.0000, error= 0.00 deg (with noise), mse= 0.0000, error= 0.00 deg (no noise)