HYPERPARAMETERS:
    random_string: 1
    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: 0.001
    random_seed: 90259883

TASK PARAMETERS:
    task_name: 2DIR1O
    input_direction_units: 100
    delay0_from: 10
    delay0_to: 20
    delay1_from: 10
    delay1_to: 90
    delay2_from: 120
    delay2_to: 160
    show_direction_for: 10
    show_cue_for: 100
    dim_input: 101
    dim_output: 2
    distractor_probability: 1.0

MODEL PARAMETERS:
    model_name: hdreshuffle_fCTRNN
    dim_input: 101
    dim_output: 2
    dim_recurrent: 100
    tau: 10
    nonlinearity: retanh
    input_bias: True
    output_bias: False
    connectivity_cos_exponent: 1
    shuffle_amount: 130

ADDITIONAL COMMENTS:
    Training criterion: MSE loss
    Noise added at every timestep of the trial
    Inputs NOT discretized
    Output sin/cos
    Reshuffle of tuning network, training is on top-level parameters + output

NETWORK PERFORMANCE:
O1: mse= 0.0251, error= 12.85 deg (with noise), mse= 0.0214, error= 11.96 deg (no noise)
O2: mse= 0.0000, error= 0.00 deg (with noise), mse= 0.0000, error= 0.00 deg (no noise)