

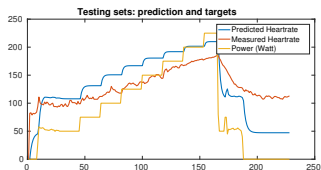
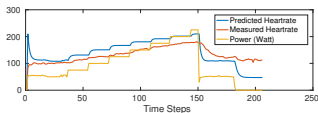
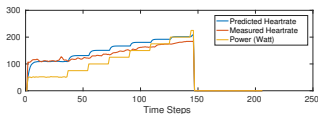
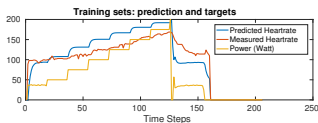
Evolutionary Computation Theory and Application (ECTA) – Assessment 4: ESP Time Series Prediction

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Assessment 4: ESP Time Series Prediction

- Apply your EPS code to find a (small) RNN that is able to predict the heart rate based on the power given by the trainee.
 - We provide the heartrate function that takes a weight matrix, the RNN evaluation function you provide and the data. Please review the example script (and make sure you handle the bias correctly).
 - Take the first 3 datasets as a training set.
 - The 4th dataset will be your testset.



Assessment 4: ESP Time Series Prediction

Submit to LEA:

- Code (all .m files)
- Coordinates and value of best minimum and maximum found
- PDF, including plot of (generations—value) (BE SURE TO LABEL AXES)
- Please include the final plots over all training data (plot the predictions, inputs and targets) (for the best solution you found). An example is found in example.m.
- More importantly, also provide the plot over the test run.