

## LAMPIRAN

```
clc
clear
close

tic

filename = 'Jst.xlsx';
T = xlsread(filename);
X = [T(:,1) T(:,2), T(:,3) T(:,4)];
Y = T(:,5);

rng("default") % For reproducibility of the partition
c = cvpartition(length(Y),"Holdout",0.1);
trainingIdx = training(c); % Indices for the training set
XTrain = X(trainingIdx,:);
YTrain = Y(trainingIdx);
testIdx = test(c); % Indices for the test set
XTest = X(testIdx,:);
YTest = Y(testIdx);

Mdl = fitrnet(XTrain,YTrain,"Standardize",true,...
    "LayerSizes",[10,100], 'Activations',["Relu","tanh"]);

testPredictions = predict(Mdl,XTest);
plot(YTest,testPredictions,".");
hold on
plot(YTest,YTest)
hold off
xlabel("True Stok")
ylabel("Predicted Stok")

cpu = toc

testMSE = loss(Mdl,XTest,YTest)
```