

By training an Artificial Neural Network (ANN), identify relation between 3 inputs and one output. Choose a suitable structure. Use black box approach (no information about the function is available). Use data from file homework1.mat. Proof that the trained network works correctly (MSE on a validation set is less than 0.01). Validation set should consist of at least 100 points. Submit a report describing all steps and validation of the results to eduard.petlenkov@ttu.ee.