

Project 2 FYS-STK4155

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Abstract

In this project I implement a standard feedforward neural network and apply it to a regression problem involving the Franke Function as well as a classification problem based on the Wisconsin Breast Cancer Data set from Kaggle. The network's performance is compared to that of the regression analysis in project 1 as well as a logistic regression code.

Introduction

Formalism

Code

Analysis

Conclusion

References