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Final Project

CSE 515T
Writeup
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1 Visualization

2 Model Fitting

2.1 Branin function

2.1.1 Log Model Evidence

2.1.2 BIC score

2.2 Branin function after log transformation

2.2.1 Log Model Evidence

2.2.2 BIC Score

2.3 LDA

2.3.1 BIC Score

2.4 SVM

2.4.1 BIC Score

3 Bayesian Optimization

4 Bonus

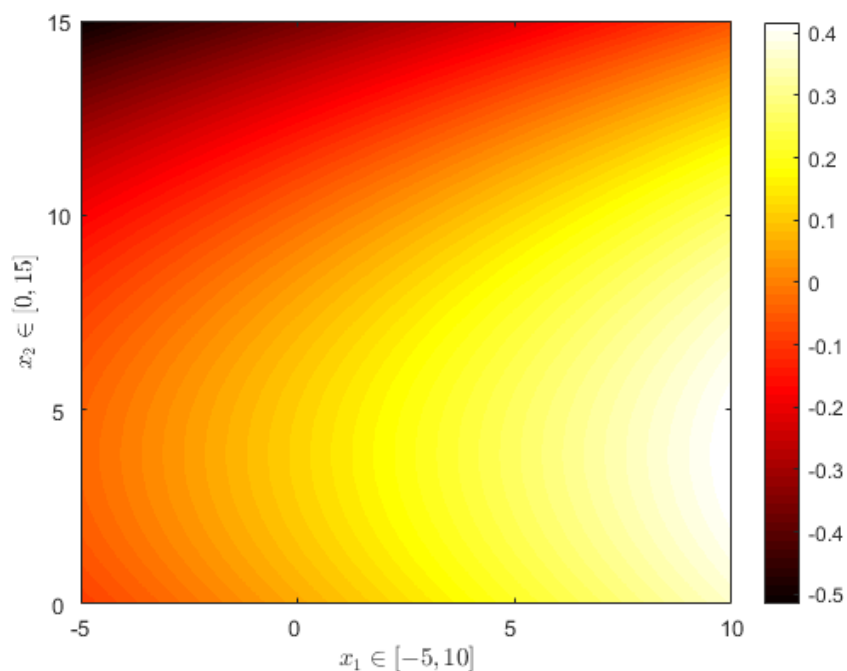


Figure 1-1: The model-marginal predictive² mean function.