

EARTHQUAKE ANALYSIS

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Abstract. This work will analyze earthquake data provided by the Los Alamos National Laboratory. We will create a model to predict earthquakes and win a Kaggle competition.

1 Problem Statement

Earthquakes cause deaths and massive damage. They are difficult to predict relative to other natural disasters. This analysis aims to produce a model which will predict earthquakes more accurately than TBD ...

1.1 Experiment Design

Data will be attained from a Kaggle Competition sponsored by the Los Alamos National Laboratory: www.kaggle.com/c/LANL-Earthquake-Prediction. Because the data in this competition is simulated we may need to pursue real data from an alternate source. This will be determined after consultation with our advisor and instructor.

This is another section. We assume that H is (A_∞, B_∞) -subquadratic at infinity, for some constant ...

Notes and Comments. The first results on subharmonics were ...