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Assignment 1: Exploring Word Vectors

Note to the reader. This is my work for assignment one of Stanford's course CS 224N: Natural Language Processing with Deep Learning. This document is thoroughly researched but may not be perfect. If there's a typo or a correction needs to be made, feel free to email me at benjamin.smidt@utexas.edu so I can fix it. Thank you! I hope you find this document helpful.

1 Mathematics

2 Programming

3 Resources

1. CS224N Home Page

2. CS 224N Word Vectors: Introduction, SVD, and Word2Vec

3. CS 224N Lecture 1: Intro and Word Vectors

4. Efficient Estimation of Word Representation in Vector Space (original word2vec paper)

5. Distributed Representations of Words and Phrases and their Compositionality (negative sampling paper)