Bayesian Dictionary Learning for EEG Source Identification

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AALBORG UNIVERSITY
STUDENT REPORT

Title:
Bayesian Dictionary Learning for EEG Source Identification

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Project Period:
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Project Group:
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Supervisor(s):
Jan Østergaard

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STUDENTERRAPPORT

Titel:
Bayesian Bibliotek Læring for EEG Kilde Identifikation

Tema:

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Mattek9

Deltager(e):
Trine Nyholm Kragh
Laura Nyrup Mogensen

Vejleder(e):
Jan Østergaard

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Preface

Here is the preface. You should put your signatures at the end of the preface.

Aalborg University, September 17, 2019

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Danish Summary

Dansk resume ?

Contents

Introduction

Introduktion til hele projektet, skal kunne læses som en appetitvækker til resten af rapporten, det vi skriver her skal så uddybes senere. Brug dog stadigvæk kilder.

- kort intro a EEG og den brede anveldelse, anvendelse indenfor høreapperat.
- intro af model, problem med overbestemt system
- Seneste forslag til at løse dette
- vi vil efterviser dette og udvide til realtime tracking
- opbygningen af rapporten

Chapter 1

Problem Analysis

This chapter examines existing literature concerning source localisation from EEG measurements. At first a motivation for the problem is given, considering especially the application within the hearing aid industry. Further, the state of the art methods are presented follow by a description of the desired contribution.

høreapperat udviklingen oticon, Eriksholm hvor er problemet litteaturstudie, state of the art afgrænsning

Chapter 2

Problem Statement

problem statement

Chapter 3

Theory

3.1 Compressive Sensing

Appendix A

Appendix A