

StyleGAN Face Frames

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Abstract

dfjlsjfl;kadjsk;lfjds;alkjfl;dsajf;lksajd;flkjsaklfjdlaskfjklksadjf

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1. Introduction

Introduction

This paper reports a method to, (1) describe a procedure to capture the shape of a waveform of an ERP component, the P300, using histograms of
5 gradient orientations extracted from images of signal plots, and (2) outline the way in which this procedure can be used to implement an P300-Based BCI Speller application. Its validity is verified by offline processing two datasets, one of data from ALS patients and another one from data of healthy subjects.

This article unfolds as follows: Section ?? is dedicated to explain the Feature
10 Extraction method based on Histogram of Gradient Orientations of the Signal Plot: Section ?? shows the preprocessing pipeline, Section ?? describes the image generation of the signal plot, Section ?? presents the feature extraction procedure while Section ?? introduces the Speller Matrix Letter Identification procedure. In Section ??, the experimental protocol is expounded. Section 3

*Fully documented templates are available in the elsarticle package on CTAN.

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¹Since 1880.

15 shows the results of applying the proposed technique. In the final Section 4 we
expose our remarks, conclusions and future work.

2. Materials and Methods

fdsafdasfast

3. Results

20 fddafdas fdsaf

4. Discussion

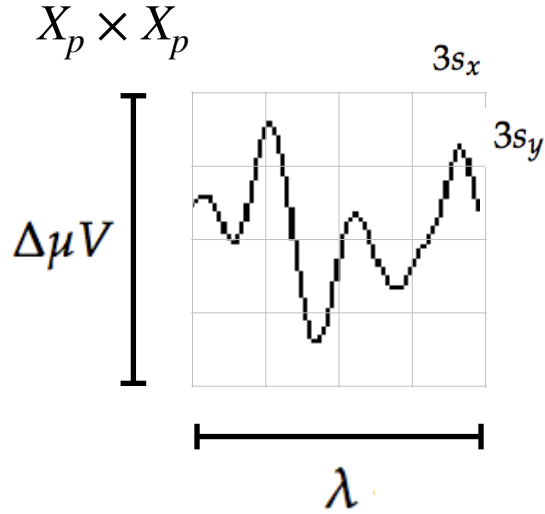


Figure 1: The scale of local patch is selected in order to capture the whole transient event. The size of the patch is $X_p \times X_p$ pixels. The vertical size consists of 4 blocks of size $3s_y$ pixels which is high enough as to contain the signal $\Delta\mu V$, the peak-to-peak amplitude of the transient event. The horizontal size includes 4 blocks of $3s_x$ and covers the entire duration in seconds of the transient signal event, λ .

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