Using the Scale Invariant Feature Transform Descriptor to derive a Waveform representation in EEG

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Abstract

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Keywords: SIFT, EEG, waveform

1. Introduction

Bidimensional images can be interpreted as bidimensional signals. Instead of having amplitude values for a time series, they can be interpreted as having amplitude values for two varying independent variables (height and width). However, in this approach signals are studied by how they are represented on images.

However how to map or

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2. Signal Plotting

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A Digitalization Procedure.

Resolution and Precision.

3. The Scale Invariant Feature Transform Descriptor

Here are two sample references: [**?** **?**].

4. Mapping between Signal Features and Patch Descriptor

5. Slow Wave and KComplex identification

References