

Creating Mental Images to Control and Communicate through Brain-Computer Interfaces in Individuals Who are Not Responsive

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Abstract

Keywords: Brain-computer interface, Mental image, Non-responsive individuals, Brain-computer interface, Mental image, Non-responsive individuals, Brain-computer interface, Mental image, Non-responsive individuals.

Introduction

Brain-computer interfaces (BCIs) have the potential to provide communication and control for individuals who are not responsive. However, the development of BCIs for non-responsive individuals is challenging due to the lack of voluntary motor output. This paper describes a system for creating mental images to control and communicate through BCIs in non-responsive individuals. The system uses a combination of brain-computer interface (BCI) and mental image (MI) techniques. The BCI is used to detect the user's mental state, and the MI is used to generate a specific mental image. The system is designed to be user-friendly and easy to learn. The results of the study show that the system is effective in controlling and communicating through BCIs in non-responsive individuals. The system is able to detect the user's mental state and generate a specific mental image. The system is also able to control and communicate through BCIs in non-responsive individuals. The system is designed to be user-friendly and easy to learn. The results of the study show that the system is effective in controlling and communicating through BCIs in non-responsive individuals. The system is able to detect the user's mental state and generate a specific mental image. The system is also able to control and communicate through BCIs in non-responsive individuals. The system is designed to be user-friendly and easy to learn. The results of the study show that the system is effective in controlling and communicating through BCIs in non-responsive individuals.

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Result and Discussion

The results of the study show that the system is effective in controlling and communicating through BCIs in non-responsive individuals. The system is able to detect the user's mental state and generate a specific mental image. The system is also able to control and communicate through BCIs in non-responsive individuals. The system is designed to be user-friendly and easy to learn. The results of the study show that the system is effective in controlling and communicating through BCIs in non-responsive individuals. The system is able to detect the user's mental state and generate a specific mental image. The system is also able to control and communicate through BCIs in non-responsive individuals. The system is designed to be user-friendly and easy to learn. The results of the study show that the system is effective in controlling and communicating through BCIs in non-responsive individuals.

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hei me al image a egie [7], lea i g im e e e i g
a a e ime. i i e a i e f e b a k l e h a e h e
em abili a i b e e e e gageme . i b f
a a h e , m b i i g m e a l i m a g e a k i h e e - e l a e
e i a l (B R P) , e h i b i e m i i g e l i m i g a i g i e a
e h a i g e l i a b i l i B f i g m l i l e e f e a l a a , h e B O I
e m a h i e e g e a e a b i l i i e i g m m a , e e i a l i
h a l l e g i g e i m e i h h i g h l e e l f i e i e f e e e .

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m m i a i i - e i e i i a l . e e l f h i
h i g h l i g h t h e a f m a i e e i a l f m e a l i m a g e b a e B O I
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