MIND READING TECHNOLOGY

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Abstract:-

The paper is about the mind reading technology which carries the information about the implementation working and main applications advantages, disadvantages of the mind reading system. The system is identified as a unique invention in this scientific world

Keywords: working, what is mind reading, advantages and disadvantages etc..,

1. INTRODUCTION

Mind reading technical machines was introduced and developed by Cambridge University, by gaining thoughts and ideas from various fields like psychology, visions on computer those equipmentation is done with the data from psychology and vision of computers. It has the theory of mind reading

We the people express all our thoughts ,emotions,feelings,frustrations ,mental condition through postures,gestures,facial expressions,vocal nuance and desires.These relations and feelings are true when we go ahead with the machines and interacting with them with the observation of those feelings also in occurrence with their internal hidden feelings over periods with the model **Dynamic Bayesian Networks.**

WHAT IS MIND READING?

With the help of facial expressions in nature and the prior assuming the mental state with the help of a machine called mind reading it consist of a digital camera with a computer . The real time expressions expressed in face are also accompanied with gestures and postures to recognize the mind setup and eminent for all.

Some software are used to find and recognize these changes and mind set up of a person An interesting software Nevenvision categories and identifies 24 points on the facial expression and keep them on track. For good understanding like a smile with raised eyebrow and nod of head represents keen interest

2. PROCESS OF MIND READING
WHY MIND READING?

Predicting with the aspects like body language, postures, gestures are as like keyboard and textual commands. It supports in all fields even implementing on online shopping and academic constructs.

The system of mind reading helps in understanding human to human interactions, the reading technique also uses the monitor .In the MIT media laboratory ensure some development in this mind reading in socio-emotional prosthesis which is literately a new augmented technology.

To the Improvisation of interaction and human communication and their skills mind reading can be used and also in finding the stress factor. Human to human interaction implementation in affective computing group .The technique is used in cars to

detect the stress factors, drowsiness, distractions, tensions disruptions and distractions.

Figure1: image of the head band

HOW DOES ITWORKS?

The system of it contains a head band that repeatedly send light emission to the tissues of the head where it is active ,the band first measures the oxygen and then measures the blood around the people's brain which uses a technology called as functional. The user who uses this mind reading system uses the band on head which has a futuristic Head Band Spectroscopy (FNIRS).

3. RESULTS CAN BE EVALUATED IN THE FOLLOWING WAY

By wearing the FNIRS head band which is of light weight which sensors the noninvasive experimental subjects of the equipments for that the users are asked to count the squares on the cube which displays on the screen and also to perform the other tasks. Observation have done and executed in NASA by silently reading the spoken words and analyzing the nerves in the mouth of the user and the final results show on throats. Preliminary results are given by the throat measures. The measuring of all the stress factors is typically done in a computer program which can be measured

by users. The stress factors include distractions, disruptions, perplexing and anger. "With or without the facial movements biological signals arise when reading or speaking"

4. ADVANTAGES

Factors like neural implants power implants which is wireless it detects the person by the factors like on the basis of stimulation patterns and visually changelled person by their audio data pattern allowing them to view the audio of deaf person the complexity of transmitting visual images to mind the stimulation patterns too this was done by Prof Christopher James.

The system is being used in space or in the spaceships which helps to detect the astronauts workers and rovers health issues injuries which controls the machine, it is also used for disable aided people for various issues. The system with factors is used in detecting and screening the terrorists and in predicting the future on humans. It is used in criminality, behavior predictivity and also some scientific technique for the predicting purpose. It is used in neuroscience technology also.

5. DISADVANTAGES AND PROBLEMS

Scientists say that the functionality of every humans differ and the accuracy percentage also differs with 70%,they need to study the pattern factor in advance before training the computers to recognize the patterns or to make a good predictions.

In the Dec.19, 2006, An issue by an economist in an article questioned about the validity and factors about the human brain which has many different congenital characters on dec 19,2006.

Institute of max planck on neuroscience and bioscience say that we cannot ethically predict the human behavior with the physically elements of oxygen flow and blood pressure which differs from person to person and also on basis of genetics factors .

6. APPLICATIONS

The university of electro communication develope a wheel chair in the control of virtual keyboard to turn with the help of thinking from left to right.

A machine is designed to take the brain waves and get points through the computer systems and translate them into speech and audio which was useful for a person who is paralysed with amyotrophic lateral sclerosis(ALS)

CONCLUSION

Mind reading activity is longer is said by IBM of the computers user. Professors predicts that if its known that the overloaded traffic controls are replaced by upcoming another controller in air. The computers may have various electronic applications in it Responding the brain nerves and sensors was a successfully research paper by Tufts University. Thus the mind reading machine provides and will provide amusing changes in technical fields which will be rather more efficient and useful

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