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Title: Digital Divide of Human and Information

Introduction:

During the past decades, mankind has been able to reach a large amount of information, in the form of sound, images, data, as well as solve the problem of time and place. All this has been done with the help of the technology of communications.

But the important point is how mankind verify the **slow** process of information processing which is due to the physiological structure of his sense organs including sight, hearing and the sense of touch, **compared** with the **speed** and the **amount** of the provided information.

In other words, it is true that mankind has reached a noticeable speed in providing information. However, considering the limited time available, he is practically unable to use this ocean of knowledge.

It can be side that the mankind himself has turned into a serious problem in this terminal.

In this summary, we have tried to focus on the question of how this problem could be solved.

This age of communication is a gateway between the real sensed world and the real tree world.

As time passes, we shall observe wider and deeper transformations and in future, relations with instruments will not need what we ask of it today.

Certainly, when the discussion on transfer of instrument gives its place to transfer of hidden meanings in message carriers, communication will have another from.

What is obvious is that considering human nature, mankind will not stop in this level of quality and type of communication, and will request a better and higher situation on the subject of communication.

Perhaps what is considered ideal to us will be a primary phenomenon for the future generation.

For a deeper analysis, we will analyse a few important subjects.

Communications in the current age

A:

Communication systems play a good role in mankind's accessibility to different types of information from various sources, as well as providing a large amount of information.

Nowadays, communication has perhaps been more facilitated than needed.

Most of the time this information does not have any applications, and is somewhat wasted.

You can refer to your favorite sources and obtain your information by clicking on your personal computer and connecting to the world wide internet.

You can receive this information in the form of sound, image, and data.

The ability to view what is happening around the world and participating in world wide events, has been provided for you.

With the use of e-mail, you send your messages to any where you like and a bilateral communication has been provided for you.

In general, the phenomenon's of the technology of communication, has solves the problem of time and place when it comes to accessing information.

B: Challenge (problem)

Imagine you have decided to research about a particular subject, using the world wide net.

A large load of information about your subject will appear on your screen in a short amount of time.

But when you want to compare and analyses all this information, the limited time available, will not give you the chance to do this.

In reality, you will feel distressed, and in the end, you will either not reach a complete conclusion, or have doubts about the decision you have reached.

If we look into this more carefully, we will realize that the physiological mechanism of absorbing information, can not store this large amount of information in the little time you have available and there's a huge difference between the speed of collecting information and processing it.

In this process, human beings are practically incapable of using this technology and this is the most important challenge which is facing today.

Because of this large difference, we have become strangers to this information, and because we haven't reached a complete picture of all the information in hand, we will become worried and stress.

So, we reach the conclusion that although mankind has solved the problem of distance and time for accessing information, the physiological structure, has changed him into a real problem in this communication terminal and in the most sensitive point of this chain.

C: Solutions

The question now is, what has mankind really done to solve this challenge?

Can we use our creative minds like we have always done, to reach our aim and overcome this problem?

What can we do to solve the problem we have caused ourselves?

Here / humans own structure has caused the problem.

If we look carefully of the meaning of "communication", we realize that this term doesn't mean more than sound, image, and data.

But what is important is our perception of information and what we receive as "information" in the form of sound, image, and data, is a way of conveying the meaning.

In the current situation, choices such as sound, image and data, are no longer suitable for conveying the message and meaning, and we must look for a new language to transfer the meanings.

We need new choices with the least redundancy which can convey the most meaning in the least amount of time.

In order to do this, we must discover the human **brains language**.

We need to understand how and using which processing mechanism it absorbs and processes the information.

Then / we must use this language in transferring information so that we can transfer the most meanings with the least information transfer **tools** and **symbols**, and in the favorable time of redundancy, reduce the information **carriers to Zero**.

Will mankind's progress and knowledge and capability reach a level in the future where he can produce human beings whose speed in processing information in their physiological mechanism can be equal to the speed and the large mass of information, by modifying human's genetically structure?

Will superior human beings be born who do not need today's technological phenomenons because of their high information absorption mechanism?

Will these humans be able to picture the information in their mind when they desire?

Will they be able to process and transfer the result in a parallel way, simultaneously?

Will they be able to decide correctly according to the available information?

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Director



Part1