



METHOD FOR INCREASING BRAIN INTELLIGENCE (MIBI)

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Abstract: Psychology of brain is not absolute. This paper proposes a method for increasing Brain Intelligence (MIBI) with an aim to figure out the speed of intelligence (SOI) upon firing query to brain. Three parameters viz. speed; distance and time are considered for calculating the speed of intelligence of human brain. Each parameter has its unique function such as measurement of brain thinking capacity and power that evaluates how fast the signals (or thoughts) are moving from one neuron to another neuron in brain. The function of distance parameter is to find out the exact location of activated neurons where the information is processing and the function of time parameter is to calculate the real time of thinking process or information collecting from the neurons after the query hits. An attempt has been made using this methodology to improve the level of thinking capacity that would further help to improve the response time of brain. The main function of the designed methodology is to frame an innovative idea in an informative manner while evaluating the overall time (time to think and time to frame ideas) to answer a query. On the basis of these above mentioned three parameters, the authors took an initiative to determine the level or speed of intelligence in the brains of different human beings.

Keywords: Brain intelligence, nature neuroscience, speed, distance, time, neurons, Signals, thought processing, innovative idea, query.

1. INTRODUCTION

The study of brain [44] is a comprehensive mechanism involving computer science, cognitive science and neuroscience [5]. Human level intelligence [9] [10] [17] [41] has a great impact on everybody's life. It is basically a unitary homogeneous [16] ability that is different in different people. As proved by the neuroscience after studying the typical structure of Einstein brain, the working percentage of mind is greater than a normal human being. In general, only 10% of brain is working in normal human beings and the study showed that 12.5% of Einstein brain was working due to thickness in brain portion as shown in figure 1 through red arrow. In addition, the researchers compared Einstein brain with normal human being brain and shown in Fig. 2 – Fig. 5.

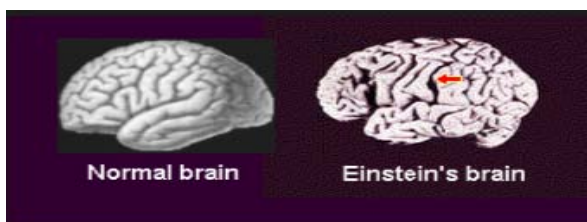


Fig. 1: Difference between normal brain and Einstein brain [52] [Accessed on 13 December 2016].

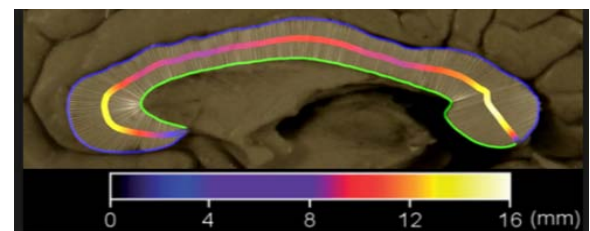


Fig 2: Thickness of Einstein Brain [56] [Accessed on 13 December 2016].

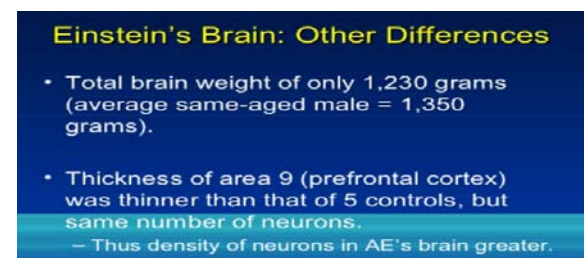


Fig.3: Differences of Einstein Brain [57] [Accessed on 13 December 2016].

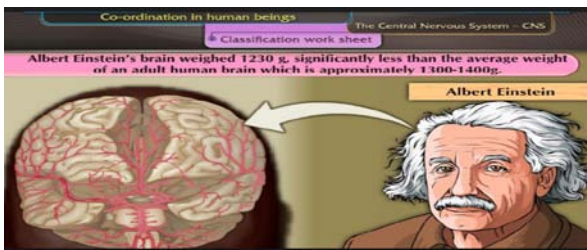


Fig.4: Weight of Einstein Brain [58] [Accessed on 13 December 2016].

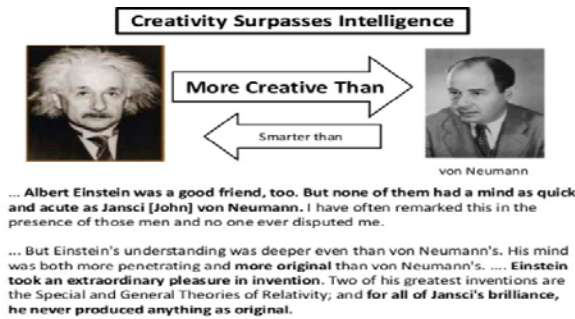


Fig.5: Comparison of Creativity of Einstein and Von Neumann [59] [Accessed on 13 December 2016].

Neuroscientists also conducted the deep study of brain right and left functions where the Fig. 6 and Fig. 7 show different functions of different portions of human brain.

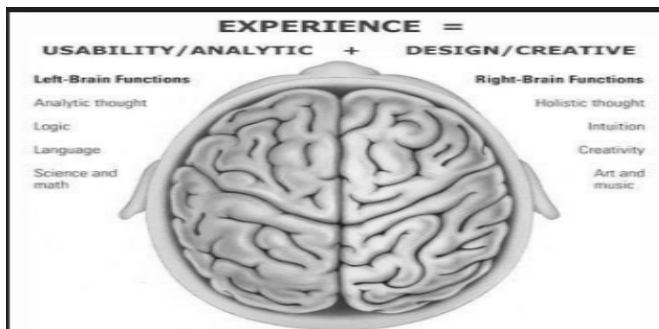


Fig.6: Function of left and right brain[55] [Accessed on 13 December 2016].

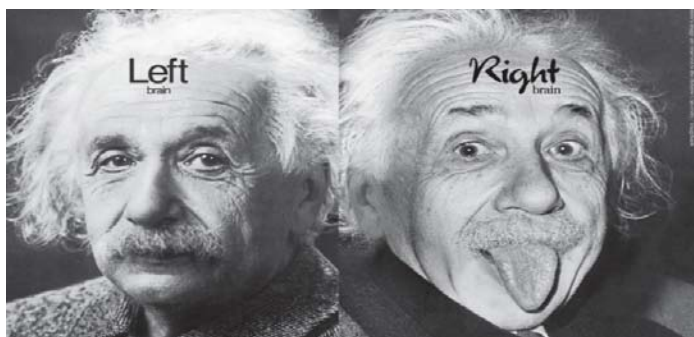


Fig.7: Left and Right Direction of Albert Einstein Brain[53][Accessed on 13 December 2016].

After studying the different functions of different portions of human brain, researchers and nature neuroscientist [31] [34] concluded in their proposed theories, the complete working of brain [3] [4] on the basis of computational theory having three main functions viz. cognition, feelings and volition [43] and the brain will work only then if all of three work

with co-ordination [1][32]. Correspondingly, these three main functions also help to declare the relation between memory and intelligence [8]. The sophisticated architecture of wires is called neurons that can be shown in Figure 8,

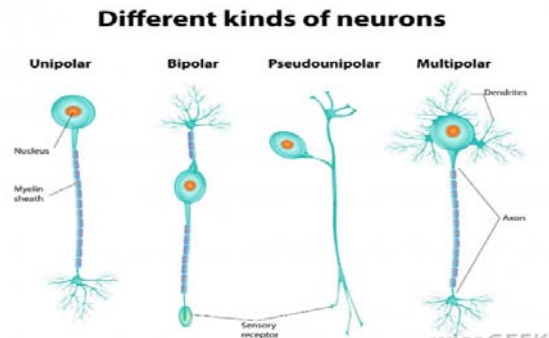


Fig. 8: Different Kinds of Neurons[54][accessed on 13 December 2016].

whose main function is to calculate the information processing speed of brain [46] [51]. With the help of speed of brain, intelligence [34] of any human being can be easily calculated. As experts studied many research papers found several different methods for calculating the human intelligence [9] [10] [17] [41] and most commonly they use brain imaging techniques [30][38][42] for calculating different types of intelligence [60] viz. abstract intelligence[7], fluid intelligence[22][27][31], crystallized intelligence[11], multiple intelligence[19], nature intelligence[24], social intelligence[26], artificial intelligence[40], linguistic intelligence, interpersonal intelligence, heredity intelligence[28][50] and machine intelligence[15][21] etc. Each type of intelligence may be described below:

Abstract Intelligence: Such type of intelligence shows embodying levels of neural, cognitive, functional and logical form of bottom up portion of brain [7].

- ✓ **Multiple Intelligence:** is a theory of intelligence that differentiates it into specific modalities rather than seeing intelligence as dominated by a single general ability called "G Factor"[19].
- ✓ **Fluid Intelligence:** Such type of intelligence is used to identify new patterns, solve new problems and helps to find new logics [22][27][31].
- ✓ **Crystallized Intelligence:** it uses learned knowledge and experiences [11].
- ✓ **Nature Intelligence:** it is only concerned with both viz. human and animal intelligence [24].
- ✓ **Social Intelligence:** Such type of intelligence negotiates complex social relationships as well as environment [26].
- ✓ **Artificial Intelligence:** it performs functions with the development of computer systems like visual perception, speech recognition and decision making [15][21] [40].
- ✓ **Intrapersonal Intelligence:** Such type of intelligence is used to check the ability to act adaptively on the basis of knowledge [28] [50].
- ✓ **Interpersonal Intelligence:** Such type of intelligence is used to make and perceive distinction in moods, intentions, motivation and feelings towards other people [28] [50].

- ✓ **HeredityIntelligence:** It ranges between the upper and lower limit of IQ [28] [50].
- ✓ **Linguistic intelligence:** such type of intelligence can be considered for the effective use of communicative words whether orally or in writing [28] [50].

In general, intelligence [1] [13] [18] tells about the thinking capacity, thought processing after information gathering and response time. In addition, it gives the complete information of the genes [2] as an example how genes [2] are communicating with each other [36] as shown in figure 9:

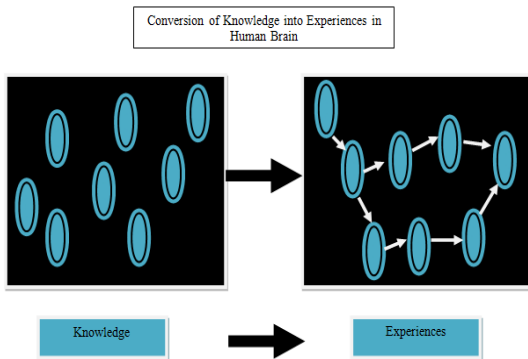


Fig 9:

Conversion of Knowledge into experiences.[36] These above discussed several types of intelligence [60] can be easily calculated by cluster M1 and M3 method gene theory [34] [36]. In addition, the detailed study of gene theory [34] [36] describes the logic of intelligence (LOI) [23] that basically comes through the mother X-Chromosome [50]. The significance to study gene theory [34] [36] is to improve the level of intelligence [29] [34] in human brain. Once the real logic behind intelligence is found, one can easily improve own learning capabilities [14] accordingly proving several memory training tips [20] [35].

In this research paper, authors designed a new method named MIBI (Method for increasing Brain Intelligence) whose aim is to calculate the speed of intelligence (SOI) on the time of query fire time. The motivation towards designed a new methodology is calculate the overall speed of intelligence (SOI). This improved speed of intelligence (SOI) further helps to increase one’s thinking capacity or imagination power [12] [25]. By considering three parameters viz. distance, speed and time speed of intelligence (SOI) can be easily calculated. The main function of this new design methodology is to frame an innovative idea while calculating the overall time (time to think or information processing and time to frame innovative ideas) during query processing. As authors studies in several research papers for improving the level of intelligence [23], one should have need to take some healthy diet of brain so that the balanced amount of blood and sugar [47][48][49] is passed to brain and will work sharply. As given by some nature neuroscientist theories, sugar act like a super fuel for a human brain. If a balanced amount of sugar as well as blood is passed through human brain then automatically it contributes for improving the level of intelligence [23]. And some other methods are also suggested by the authors for improving brain intelligence as

like daily exercise [33], daily meditation sitting practice [45] and read daily some challenging books [33].

2. RESEARCH DESIGN

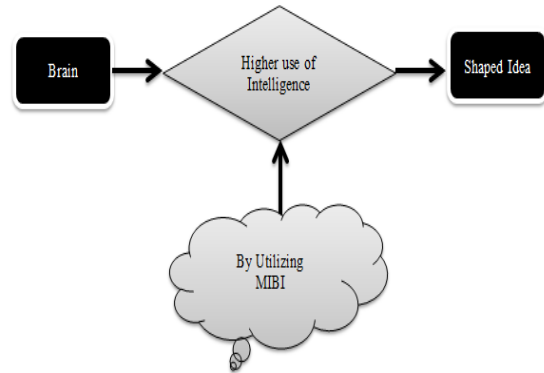


Fig 10: Use of Intelligence for shaping an innovative Idea.

3. GENERAL MECHANISM FOR QUERY PROCESSING IN HUMAN BRAIN:

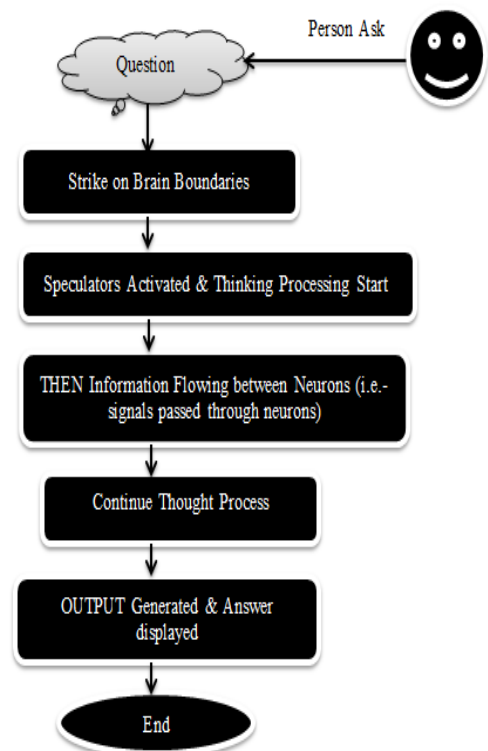


Fig 11: A general mechanism for query processing in human brain.

4. PROPOSED METHOD- MIBI: (METHOD FOR INCREASING BRAIN INTELLIGENCE)

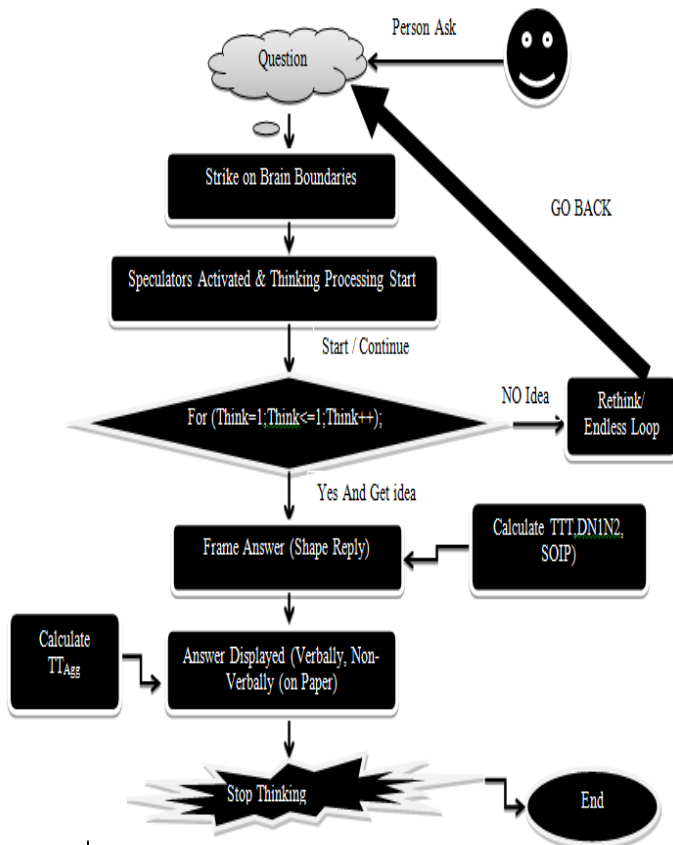


Figure 12: Proposed Mechanism for Increasing the Speed of Intelligence(SOI).

Table 1: Nomenclature for Calculating SOI(Speed of Intelligence) used in MIBI:	
DNIN2	Distance of Neuron 1 to Neuron 2
SOIP	Speed of Information Processing
TTT	Time To Think
TTCagg	Total Time Consumed Aggregate

Hence, the total time consumed aggregation can be easily measured by adding time to think and time to frame or reshape idea as given in below formulae:

$$TTCagg = TTT \text{ (Time to Think)} + TTSI \text{ (Time to Shape Idea)}.$$

5. WORKING

At first, a query is fired to any human that strikes on human brain boundaries and correspondingly the speculators are activated and thought process would be in running mode. In the second step, if an appropriate answer would hit directly on the speculators, then shape and respond of the answer would be accordingly; otherwise in the third step, if shape of the idea could not structure, then apply infinite to loop and rethink over the same idea till brain would give shape to specific innovative idea. In the fourth step, once innovative idea has been shaped, and then the total time involving thinking and shaping process would be calculated. In the fifth step, the shaped idea would be displayed. In the last sixth step, the total time aggregate would be calculated for the final innovative idea and thinking process would be stopped.

6. CONCLUSION

A variety of factors explaining intelligence has been discussed in this paper. The speed of intelligence (SOI) may considerably be improved using MIBI (Method for increasing brain intelligence) with an aim to calculate the speed of intelligence (SOI) at the time of hitted query. The complete working of this designed algorithm is based on three parameters viz. speed, distance and time. This paper also discussed about the general method used by the humans for query processing in our daily lives. The proposed method helps to increase the speed of intelligence (SOI) in human brain.

7. FUTURE SCOPE

In future, after improving the speed of intelligence (SOI), different versions of human brain memory will be determined. On the basis of different versions of memory in human brain, the information can be placed and fetched from the human brain.

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