

EXPLORING BRAIN RIDDLES

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The work deals with mathematical description of brain processes [1]. For instance, through informational entropy we can measure how “interesting” or “surprising” the set of responses on stimulus is. It can be calculated as follows:

$$H = -(1 - P[r_+]) \log_2(1 - P[r_+]) - P[r_+] \log_2 P[r_+] \quad (1)$$

The study considers how habits influence on our life and how bad habits can be changed for good [6].

We will look from the inside how our memory works, what influences on our brain productivity and how to make our brain work better and be less congested [2,4,7].

We will explore responsibilities of different brain parts and research the nervous system as a whole inherent vital part of human body [3]. What diseases the brain is susceptible to, how they can be treated and if not then why.

And we will look what makes our brain unique [5].

References

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