

On Pain

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ARTICLE INFO

Received: 📅 October 13, 2020

Published: 📅 October 28, 2020

Citation: Paul T E Cusack. On Pain. A Systematic Review. Biomed J Sci & Tech Res 31(3)-2020. BJSTR. MS.ID.005106.

ABSTRACT

This brief paper uses calculations from AT math to show why the entire brain is involved in the sensation of pain.

Keywords: Pain; Human Brain; AT Math; Anxiety

Introduction

Pain is so essential to our survival that it involves the entire brain. In this brief paper, we consider the mathematics beneath this phenomenon. The now familiar equations of neuroscience established in previous papers by this author are used. We begin with the average mass of the human brain [1-9].

Pain

$$M = \ln t$$

$$\text{Mass of Brain} = 1350$$

$$1350 = \ln t$$

$$t = 0.3669$$

$$E = (1 - \ln t)^7$$

$$= (1 - \ln(0.3669))^7$$

$$= 7.2^7$$

$$= 1.0107$$

$$V = iR$$

$$105.4 = iR$$

$$i = t^2$$

$$105.4 = t^2(1)$$

$$t = 191 = \sigma$$

$$R = 174 \text{ rads} = 0.9969 \sim 1$$

$$1.070 + 0.9969 = 2.0076 \sim 2$$

$$L = \ln t + c^3$$

$$2 = \ln t + 27$$

$$t = 1.38888 = 1/7.2$$

Anxiety

$$E = \sqrt{2} + 1.25 = 2.664 \sim SF.$$

Bottom Up (Senses)

$$E = e^{-1}$$

Top Down (Memories)

$$1584.7 = \text{Moment}$$

$$2.664 + 0.15847 = 250.59 \sim 1/4 = 1/\text{Touch}$$

$$\text{Anxiety} + \text{Pain} =$$

$$(\sqrt{2} + 1.25) + 1.0107 = 3.675 \sim 1/e1 = e^{-1}$$

$$(-2; 7.2) \text{ and } (0; 1)$$

$$(-2)^2 - (-2) - 1 = 5 = 2(-2) - 1 = -5$$

$$y = -y'$$

$$y = E = e^{-7.2} = 0.1339 = 1/s \text{ (Figure 1)}$$

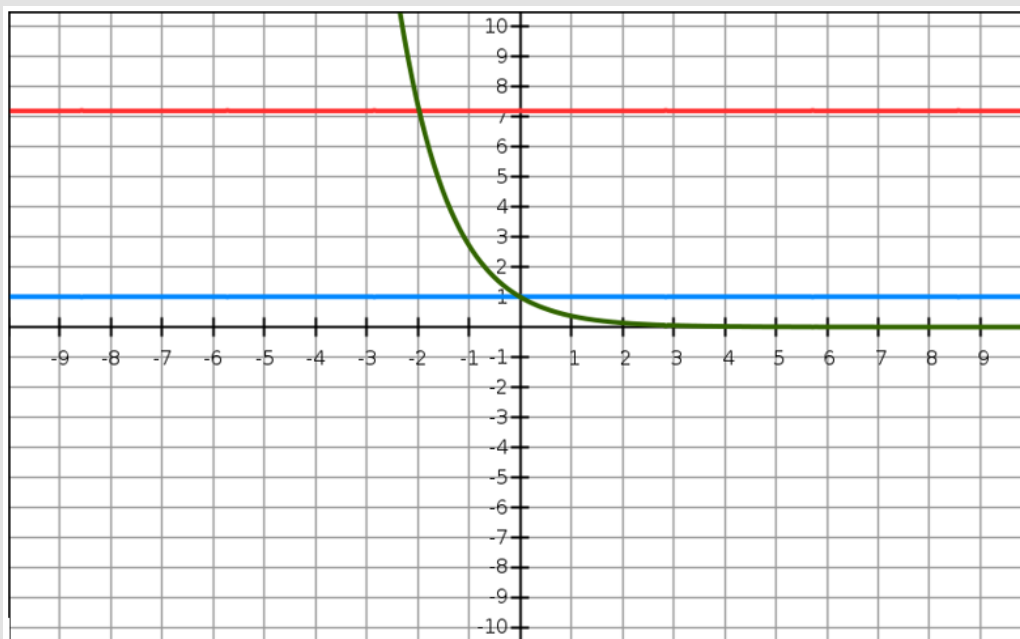


Figure 1.

Conclusion

We see that familiar constants from AT Math drop out of the calculations when we consider the experience of pain and the brain.

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ISSN: 2574-1241

DOI: 10.26717/BJSTR.2020.31.005106

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