

# Pleasure And Pain Modeled With Math

Post by "Cassius" of December 2, 2023 at 9:04 AM

Thank you for the time putting all that together!

[Quote from waterholic](#)

Once again, this is just a model of the way I understand Epicurus for the moment. Any thoughts on whether I am missing something?

I am going to have to take some time to absorb it all.

Perhaps labeling (at least on the main chart) the directions of greater pleasure / lesser pleasure and greater pain / lesser pain?

It probably should be obvious but not on first glance, at least to a non-mathematician like me.

Also, why does the numbering jump from 5.50 to 1000, and from 1.10 to 1000?

Also: Is there a narrative explanation of what the "arctan" function does? Why are the charts not simple arithmetic?

And last, on the "over time" chart, where do the input values come from per day. Presuming that you are just taking random numbers, could that be stated so as to make the chart more clear?