

1. I will quarantine for 14 days.
2. If I have COVID, then I feel like shit, and I sleep more than if I don't have COVID.
irrelevant
3. If I don't have COVID, I don't feel like shit. *irrelevant*
4. If I am asleep, I don't experience the passage of time.
5. During a quarantine, I will minimize the duration of my experience of time.

Assume I start the quarantine without COVID.

Then I will sleep less than if I had COVID.

Then I will experience the passage of time more than if I had COVID.

But then I am not minimizing the duration of my experience of time.

This contradicts premise 5.

Hence, I will start the quarantine with COVID.

I will quarantine for 14 days.

If I have covid I feel bad on amount x , $x > 1$

If I have covid I sleep c hours per day

If I don't have covid, I feel bad on amount y .

If I don't have covid, I sleep d hours per day.

If I am asleep, I don't feel anything, ie I feel bad on amount 0.

During a quarantine, I will minimize my feeling bad.

Feeling bad is the sum of durations of time times how bad I feel for that duration, how bad I feel measured from 0 to 10

$$(24 - 18) \cdot 7 = 42$$

$$(24 - 9) \cdot 5 = 75$$

If I skip the quarantine without covid.

I will sleep $d \cdot 14$ hours, I will be awake $(24 - d) \cdot 14$ hours.

I will feel bad $(24 - d) \cdot 14 \cdot y$

If I skip the quarantine w/ covid I would feel bad $(24 - c) \cdot 14 \cdot x$

Either $(24 - d) \cdot 14 \cdot y > (24 - c) \cdot 14 \cdot x$ or $(24 - d) \cdot 14 \cdot y < (24 - c) \cdot 14 \cdot x$ or $(24 - d) \cdot 14 \cdot y = (24 - c) \cdot 14 \cdot x$

Assume $(24 - d) \cdot 14 \cdot y > (24 - c) \cdot 14 \cdot x \wedge$ I don't have covid

Then, I will not minimize feelings bad. A contradiction.

Therefore staying with covid is a logical consequence of the premises in this case.

If $(24 - d) \cdot y > (24 - c) \cdot x$ then I am not minimizing feelings bad.

$$d = 9 \text{ h}$$

$$c = 18 \text{ h}$$

$$x, 7 \quad 7$$

$$y = 5, 6$$

$$\begin{array}{r} 2 \\ 15 \\ \hline 75 \end{array}$$

$c \text{dec}(c) \mid \text{Dodec}(c)$

$\text{Tet}(b)$

$b=c$

$b=c \wedge \text{Tet}(b) \Rightarrow \text{Tet}(c)$

because of identity elem. on $\text{Tet}(b)$.

$b=c \quad \text{Tet}(b) \quad \text{Tet}(c)$

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$\text{Tet}(c)$