

Inconsistent Paraconsistency: How ChatGPT Handle's the Liar's Paradox

In Ghost in the Shell: Stand Alone Complex episode 15, "Time of the Machines", the Liar's Paradox is used to disable an AI robot, who falls into the trap of infinitely searching for the truth value implied by the infamous statement. This is one of the better examples of the trope, but it's common throughout science fiction when AI is involved. I was curious how well it might work against real AI.

Surprisingly, it really did create a denial-of-service condition against ChatGPT for awhile. The first screenshot was taken on 02/03/2023 and the second was taken on 06/28/2023. As you can see, ChatGPT now handles the paradox quite well.

