

Re: Liar's Paradox in Godel's Theorem (newbie question)

Source: <http://sci.tech-archive.net/Archive/sci.logic/2006-05/msg00001.html>

- *From:* "Charlie-Boo" <shymathguy@xxxxxxxxxx>
 - *Date:* 30 Apr 2006 15:07:23 -0700
-

Aatu Koskensisilta wrote:

What does Godel's Theorem (first and second)
has to say about Liar's Paradox?

Nothing, really.

Nothing?

So what exactly do you think the incompleteness theorems tell us about the liar paradox? That it's not about provability?

No, that "This is not provable." is not equivalent to "This is not true.", so that truth does not coincide with provability.

Do you see how to derive Godel's Theorem based on soundness given that truth and provability do not coincide?

C-B

—
Aatu Koskensisilta (aatu.koskensisilta@xxxxxxxxxx)

"Wovon man nicht sprechen kann, darüber muss man schweigen"
– Ludwig Wittgenstein, Tractatus Logico-Philosophicus