

Re: coin puzzle

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"|-[erc" <h@r.c> writes:

> "Alan Smaill" <smaill@SPAMinf.ed.ac.uk> wrote in >>>>
>>>> >>One person turns a coin over at times 0, 1/2, 3/4, 7/8 ...
>>>>>>
>>>>>>The coin is head up at the start.
>>>>>>
>>>>>>Is it head or tail up at time 1?
>>>>>>
>>>>>> It's in a quantum state -- indeterminate until you observe it.
>>>>>>
>>>>>> (I'm curious why comments at the level of physics are raised
>>>>>> to my question, and not Herc's, which equally supposes something
>>>>>> impossible according to current physics)
>>>>>>
>>>>>> My question is well formed, yours is a self negating statement since you
>>>>>> added that the end of an infinite line is present.
>>>>>>
>>>>>> Certainly not; you can pick up a coin, turn it over, and put
>>>>>> it back down in the same place, can't you?
>>>>>> Even easier than getting infinitely many people together,
>>>>>> I dare say.
>>>>>>
>>>>>> There is no infinite line here, everything happens in a bounded space.
>>>>>> My assumptions are no more problematic than yours.
>>>>>>
>>>>>> So, answer the question: heads or tails?
>>>>>>
>>>>>>
>>>>>> You're either an idiot or a stupid liar.
>>>>>> together with the assumption of infinite flip
>>>>>> speed at the singularity $t=1$,
>>>>>> you're scenerio is impossible, mine is possible.

Let's see -- in your original puzzle
with infinitely many people, how fast are the tosses happening, then?

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- > *In my puzzle, you *roll* the coin futher and further away,*
- > *the contradiction at $t=1$*
- > *is solved, the coin forms an infinitely long sequence and you see*
- > *any flip in N*
- > *but not the end.*

I'm not asking about your version of my puzzle;
I'm asking about mine —
a perfectly simple puzzle by your standards.

- > *That's 4 times I've told you, take your petty counter example*
- > *to your own thread.*

Just stop whining and answer my question:
heads or tails?

- > *Note : still everyone has avoided the question how long the*
- > *coin sequence is while*
- > *still not unique.*

Just like Herc avoids answering my question.

- >
- > *Herc*
- >
- >
- >

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Alan Smaill