

Debate Analysis notes 9/17/24

@@@ Let's have an AC roundtable this week.... a post-mortem de-briefing on the Rel vs Aether debate. Purpose: improve perf on offense and defense. 1 format option: have general comments, then look at time markers of interest...

Based on your past videos, I have a suggestion for debate show improvement:

The court system requires a pre-trial 'discovery' process where each side presents to the other the evidence intended to be manifested at trial. This prevents surprise or irrelevant proof to be offered during showtime and allows for preliminary fact-checking by both sides. No debate evidence not in discovery is allowed.

I require common philosophical grounds for a debate, meaning each side describes their belief in how the world works and what are the rules for truth-discovery(epistemology)

Show-stopper: A contradiction is like KO in boxing; no sense continuing

Russia: pre-publishing debates are used for QA West: uses peer reviews, which MS uses for censoring dissidents

Need Null Hypothesis: Rel vs Aether is much too vague.

EG: Given: SR explains reality better than aether models. Y/N

Preparation Strategy :

Practice debates w/ partners

Decisions: use one exp for proof...or many? Single debater...or tag team?

Goal: Discover the sci truth

Measure performance increase views from 4300, comments to >100

Clearly present the evidence so that the viewers can understand most of it.

Content strategy: Since Rel is vs Aether, it's kine vs dynamics;

Establish the ALF via **NBucket**... destroy SR #1 with **Wang**

Airy's Failure : Earth at rest and aether crosswind Earth at rest & annual aether wind in space

MMX: measured a periodic aether wind < 30 km/s...but NOT NULL

GR extends SR,an invalid theory.. see Gravitation by MTW

Self-contradiction SR: SoL constant GR: SoL >c

Peter... GR defense

GR extends (not replaces) SR to include $v \sim c$ and significant gravity.

SR post 1: physics laws valid in uniform linear moving ref frames (inertial frames)

SR post 2: $SoL = c$

Both refuted by Ruyong Wang in 2005. Glider speed must be measured in Lab frame and $SoL = c+v$.

By extending a broken theory, SR, GR is also disproven.

Relativity only applies to kine....NBucket.

Aether is 3D, not 4...

Aether not measured directly, but properties inferred from indirect interactions with matter.

Ref: Atsukovsky

Relative motion causes aether rotation???? Proof?

Rotation => length shrinks; time expands No proof!

Muon decay: Aether motion at different altitudes alters muon decay rate..AGREE!

Muon decay rate not known at cosmic ray altitude, SR **assumes** the same as ground!

Galaxy halo: assumes distortion by aether; why not particle halo...proof?

Relativity never defined ...only solid aether Gal rel conflicts with SR,GR

If Rel is defined as the Rel Principle of relative motion : then only kinematics applies to the debate

Mordy: Aether is absolute relative to Earth → rigid ref frame ... the Lorentz aether model.

But ALFA => fluid aether! Atsukovsky book : AD! Red herring fallacy

Airy: no change with water proves aether doesn't exist!! No proof given

Fluid aether proves earth at rest & aether wind exists! Malcolm Bowden et al

MMX Abs rigid aether again assumed

Sagnac: He assumed rigid aether(WRONG) Sagnac confirmed a vortex formed around the rotating platform. SR is refuted, since $SoL = c+v$, not c .

Gmu,nu = Ether compares math(GR) to matter(Aether)

Note: most of the rel proofs support a fluid aether!

Used same tests for proof as ALFA!

SR post 2 is false; Wang eXp

Aether evidence needed slower presentation and focus of key pts.

A&S adept at FE, a familiar topic....need more time and experience to have the same skill defending aether models

Mordy: 27:00 No one understood question.... Then ask Peter to explain!

M: 29:30 c anisotropy in abs frame ? cause is aether wind/drag or pressure difference for gravity

Gravity is special since static pressure diff causes change in motion; all other forces are aetherodynamic

P: 30:45 on Earth $c = \text{const}$ RB: $\text{SoL} = c + v$ from the exps chosen...

M: 32:50 OWLS can't be measured. See veritasium video

43:15 aether wind causes $\text{SoL} \neq c$

47:15 muons decay rate or half-life NEVER measured at alt h!

51:20 cosmic ray measurement is kinematic...so no ALF..any frame is valid

103:30 P needs a pic of the famous Einstein train exp???:/ WHAT??!

124:15 no technology derived from Wang eXp...???? How is this disproof of ALFA? Wang has 2 patents issued.

132:30 M: no empirical proof of ALF.... **NB!!**

Rel's didn't even present standard MSP!

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Common Logical Fallacies Everyone Should Know

1 Ad Hominem

It occurs when someone attacks directly the person making an argument rather than criticizing the argument itself.

2 Straw Man

When someone attacks a distorted version of the original argument that they themselves created (i.e. "the straw man").

3 Appeal to Authority

Asserting that something **must** be true because it is backed up by someone who is (allegedly) an authority on the subject.

4 Slippery Slope

Taking an argument from the first, sensible premise to an undesirable or extreme conclusion via a number of hastily connected steps.

5 Bandwagon

The bandwagon fallacy occurs when something is said to be true or good simply because it is popular.

6 Appeal to Ignorance

When it is said that an argument must be true if it cannot be proven false, or false if it cannot be proven true.

7 False Dilemma

This occurs when two choices are presented as the only possible options when, in fact, other alternatives exist.

8 Hasty Generalization

This logical fallacy happens when a general conclusion is drawn based on a sample size that is too small.

9 Red Herring

This occurs when someone deliberately attempts to move the issue under discussion to a new, irrelevant topic.

10 Appeal to Tradition

When one claims that something must be good or true because it has been practiced for a long time (that is, traditionally).