

Video, R. Penrose is in the debate. At 25:32h the start of the demonstration here; already translated into Czech

(+ my comment in red)

<https://www.youtube.com/watch?v=sGm505TFMbU> · 28.09.2024 .. ;

Extra Dimensions

... you get a grin on your face. If I mention string theory, because it has extra dimensions and maybe some extra flavors, there's an even worse grimace. I can tell you where that grimace comes from. You see, all of these things add extra dimensions to spacetime.

What I was doing now was fundamentally tied to spacetime, which had three spatial dimensions and one temporal dimension. If you change that, you destroy the theory. A theory that works in n dimensions, especially mathematics, which is a function that can work in any dimension. And if you say that my theory only works in four dimensions, some people see that as a weakness. You see, no, that's a strength. Absolutely. That's absolutely the point. I see it as a strength because you don't look at the mathematics.

Okay, mathematicians took twistor theory and generalized it to higher dimensions and everything. Good stuff, but it's pure math. I'm interested in specifically math, (!)

https://www.hypothesis-of-universe.com/docs/eb/eb_002.pdf Here is a **specific attempt to model the structure of the CNO interaction cycle from two characters, i.e. from two quantities x-length, t-time and their dimensions.** https://www.hypothesis-of-universe.com/docs/eng/eng_012.jpg ; https://www.hypothesis-of-universe.com/docs/eng/eng_019.pdf ;

https://www.hypothesis-of-universe.com/docs/c/c_046.jpg The amazing thing about it is that "your" notation technique is "sum equation" using letters and characters of all the alphabets that science has collected around the world, (Cyrillic, Latin, Greek, Arabic, Chinese, etc.) and I did a multiplication – multiplication of two characters, which also leads to all the interactions in the world... for example <https://www.hypothesis-of-universe.com/index.php?nav=eb> https://www.hypothesis-of-universe.com/docs/eng/eng_096.pdf ;

https://www.hypothesis-of-universe.com/docs/c/c_123.jpg ;

https://www.hypothesis-of-universe.com/docs/c/c_269.jpg which applies to the physical world. Whether you can generalize it to 17 dimensions, I don't particularly care. **Error...** And if people do string theory initially, when I heard about string theory, I thought it was a beautiful idea. **Beautiful, but incomplete in terms of ideas.**

https://www.hypothesis-of-universe.com/docs/eng/eng_096.pdf .The universe is not a three-dimensional "matter; space; time", but only a two-dimensional one. Matter (a secondary quantity) is made from the dimensions of two main quantities. =That is the idea that physical science lacks to progress. Mr. Penrose, **my work is not perfect**, it is a layman's attempt, but it could be a perfect model if physicists finally read my idea and solved it. https://www.hypothesis-of-universe.com/docs/c/c_010.jpg ;

https://www.hypothesis-of-universe.com/docs/c/c_082.jpg ;

https://www.hypothesis-of-universe.com/docs/c/c_099.jpg ; And then when it worked and they said oh no, it only works in, I think, 26 dimensions, I initially thought, well, that's not right, you can work on that. I'm not going to work on that. That's not physics anymore. It is and it's not physics. I've already "stabilized" my opinion. He stated that:
3+3D

(in the first dimension of space-time) are **physical dimensions** from the real macro world, they are very flat for three interactions (strong, weak, electromagnetic) and gravity. In the micro world, by twisting, curving, packing physical 3+3 dimensions, **all** elementary particles of the standard model (for example, baryons, mesons, leptons, intermediate bosons) <https://www.hypothesis-of-universe.com/index.php?nav=e> and **other higher dimensions (n+m)D** (or **very curved extra dimensions**) are **>>"mathematical dimensions"** << for the construction of "compounds" of conglomerations of basic packages, which will be more complex matter by nature, properties and manifestation https://www.hypothesis-of-universe.com/docs/eng/eng_009.pdf ; https://www.hypothesis-of-universe.com/docs/eng/eng_012.jpg . **Maybe** we can declare the "extra dimensions" to be the same, identical dimensions to the physical ones, with the novelty that the basic dimensions are only **more twisted** https://www.hypothesis-of-universe.com/docs/c/c_411.jpg ; https://www.hypothesis-of-universe.com/docs/c/c_424.gif ; https://www.hypothesis-of-universe.com/docs/c/c_427.gif ; https://www.hypothesis-of-universe.com/docs/c/c_426.jpg ; and so "therefore" we call them new "extra" (mathematical) dimensions, but it is not so. There are always only three + three dimensions and at higher "geometric = mathematical" twist we call them new extra dimensions. Visualization here https://www.hypothesis-of-universe.com/docs/c/c_411.jpg So you mentioned C and Yang,

Algebraic and Differential Geometry.

End of video sample at 27:09h