
From: [REDACTED] on behalf of Seth Lloyd [REDACTED]
Sent: Monday, January 23, 2017 3:31 AM
To: jeffrey E.
Subject: Re:

Read later email first. This is very interesting. =C2 Talk tomorrow or Tuesday?

Seth

On Sun, Jan 22, 2017 at 11:54 AM, jeffrey E. <jeevacation@gmail.com <mailto:jeevacation@gmail.com> > wrote:

now that my cold medicine has worn off a bit () . if the flip from spin up to spin down is =C2 continuous. . can the state of the electron along the way be represented by a number. are the states quant=zed or continuous. ie integers or number line. is it necessary for ordinary addition to first convert states to zeros and ones and then perform a standard computation -addition. =A0 or can you perform an operation on the state itself and then look for a readout of the number. lets assume in two space. I have a circle. its circumference is pi. =A0 if i want to measure it. i need to represent it in ordinary numbers .. but why should i, =C2 the thing i call circumference is a state. =C2 on that circumference ie. = clocks.- i draw a unit of arbitrary size and call it "ONE " measured by the degrees of rotation of my clock hand. two of the same rotations I call two units. and it is printed out on my clock. no matter the diameter of the clock , it reads two units. . so the number two is the class of all rotations of the same amount two times. . the number is only a representation . =A0 can i make the leap to say there is a state of the electron that corresponds to the number 2 , for a specific observer. =C2 ? I loved the way you both weave history into the presentations. =A0 =C2 =C2 =A0 =C2

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please note

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