

Re: Classical EM Wave Propagation, attn: Androcles

Source: <http://sci.tech-archive.net/Archive/sci.physics.relativity/2005-09/msg02112.html>

- *From:* "Sue..." <suzysewnshow@xxxxxxxxxxxxx>
 - *Date:* 29 Sep 2005 12:30:33 -0700
-

Androcles wrote:

> "Sue..." <suzysewnshow@xxxxxxxxxxxxx> wrote in message
> news:1127969060.999407.258720@xx
> |
> | Androcles wrote:
> | > "Sue..." <suzysewnshow@xxxxxxxxxxxxx> wrote in message
> | > news:1127950144.471377.203490@xx
> | > |
> | > | Androcles wrote:
> | > | > "Sue..." <suzysewnshow@xxxxxxxxxxxxx> wrote in message
> | > | > news:1127945541.166285.118320@xx
> | > | > |
> | > | > | Russell wrote:
> | > | > | > Russell wrote:
> | > | > | > |
> | > | > | > [snippages below]
> | > | > | > |
> | > | > | > > sue jahn wrote:
> | > | > | > > > A. Length of arrows is constant. $\cos^2 + \sin^2 = 1$. Energy
> | > | > | > | > | is
> | > | > | > | > | conserved.
> | > | > | > | > | > It flips from moving mass to compressed/stretched spring
> | > | > | > | > | > and
> | > | > | > | > | > back again,
> | > | > | > | > | > > from E-field to B-field and back again.
> | > | > | > | > | > > |
> | > | > | > | > | > > Your whole argument seems to be that the energy must be
> | > | > | > | > | > > a constant function of time at every point in space.
> | > | > | > | > | > > |
> | > | > | > | > | > > Ah! Now I get it. The "A." stands for Androcles. And
> | > | > | > | > | > > you are trying to set him straight, which unfortunately
> | > | > | > | > | > > will be an impossible task.
> | > | > | > | > | > > |
> | > | > | > | > | > > | Vee have vays to sort out his type.
> | > | > | > | > | > > |
> | > | > | > | > | > > Nah... he's right.
> | > | > | > | > | > > The only way to straighten a bent ruler is take it out of the

> water
> |> |> or put it right under. He's on my kill file, btw.
> |> |>
> |> | LOL We are resevering the dunking stool for witches,
> |> | sorcerers and time travlers.
> |> |>
> |> |> | He gets it. He is just pretending cantankerous.
> |> |>
> |> |> Does he?
> |> | Yeah... only needs to be reminded about once a week
> |> | that the mass of a rope affects its wave propagation
> |> | velocity... and even offers up a few URLs to demonstrate
> |> | it.
> |> |
> |> | I am not even gonna reply to your previous post unless
> |> | you can show an electrical circuit with zero current
> |> | and non zero power.
> |>
> |>
> |> Wattage:
> |> amount of power expressed in watts
> |> Watts:
> |> the absolute meter–kilogram–second unit of power equal to the work
> done
> |> at the rate of one joule per second or to the power produced by a
> |> current of one ampere across a potential difference of one volt :
> 1/746
> |> horsepower
> |> Power :
> |> a source or means of supplying energy; especially : ELECTRICITY
> |> Ampere:
> |> the practical meter–kilogram–second unit of electric current that
> is
> |> equivalent to a flow of one coulomb per second or to the steady
> current
> |> produced by one volt applied across a resistance of one ohm
> |> Volt:
> |> the practical meter–kilogram–second unit of electrical potential
> |> difference and electromotive force equal to the difference of
> potential
> |> between two points in a conducting wire carrying a constant current
> of
> |> one ampere when the power dissipated between these two points is
> equal
> |> to one watt and equivalent to the potential difference across a
> |> resistance of one ohm when one ampere is flowing through it
> |> Volt–ampere
> |> a unit of electric measurement equal to the product of a volt and an
> |> ampere that for direct current constitutes a measure of power
> equivalent
> |> to a watt

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- > |> Volts = pressure
- > |> Ohms = resistance.
- > |> Inductance:
- > |> a property of an electric circuit by which an electromotive force is
- > |> induced in it by a variation of current either in the circuit itself
- > or
- > |> in a neighboring circuit.
- > |> Capacitance:
- > |> the property of an electric nonconductor that permits the storage of
- > |> energy as a result of the separation of charge that occurs when
- > opposite
- > |> surfaces of the nonconductor are maintained at a difference of
- > |> potential.
- > |>
- > |> These are simple dictionary definitions and circular,
- > |> not a formal definition. They are sufficient for now.
- > |>
- > |> A charged capacitor has the ability to do work. It is an electrical
- > |> circuit
- > |
- > | No it is not a circuit. (root word circle)
- >
- > An operational switch, whether open or closed, is part of a circuit.
- > Charge a capacitor with a 9V battery of voltaic cells and put the
- > capacitor leads on your tongue.
- > Androcles.

Why stop with that? Let's gang two of those switches together and show that nuclear power plants are the same thing as a room full of electric ovens.

Sue...

- >
- >
- > |
- > |> with zero current and non zero power.
- > |> When the work is actually done,
- > |
- > | The work may never be done. Can you expend
- > | energy and do work forever on a single charging
- > | of the capacitor?
- > |
- > |> heating the resistor,
- > |
- > | What resistor? Was it connected series, parallel
- > | or between your ears?
- > |
- > |> the capacitor
- > |> is discharged and no longer has power.
- > |> I'm not even gonna reply to any more of your posts until you stop

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> | > making STUPID statements about an electrical circuit with zero
> current
> | > and non zero power, I have them all over the place and so do you.
> |
> | A diagram with some meters shouldn't be too much
> | to ask. P, I, and E would be nice.
> | Is it:
> | $P = I \times E$
> | ?
> |
> |
> | >
> | >
> | > |
> | > | Why don't you try considering 'aether' the stuff that
> | > | fills the space when you separate a charge pair.
> | >
> | > Because I know the meaning of words and I'm not stupid enough
> | > to believe in fairy dust, Santa Claus or aether. Why don't you
> consider
> | > learning about the things you babble? A dielectric is a real
> substance,
> | > aether is imaginary stuff.
> |
> | Sew... what do *you* call the *real* stuff that causes
> | an electron to be attracted to a positron?
> |
> | >
> | >
> | > | Maybe that will be a bit more palatable.
> | >
> | > Palette:
> | > 1 : a thin oval or rectangular board or tablet that a painter holds
> and
> | > mixes pigments on
> | > 2 a : the set of colors put on the palette b (1) : a particular
> range,
> | > quality, or use of color
> | > Palate:
> | > 1 : the roof of the mouth separating the mouth from the nasal cavity
> | > 2 a : a usually intellectual taste or liking b : the sense of taste
> | > Pallet:
> | > 1 : a straw-filled tick or mattress
> | > 2 : a small, hard, or temporary bed
> | > Why don't you stack your aether on a pallet and ship it out?
> |
> | Eye halve a spelling chequer;
> | It came with my pea sea;
> | It plainly marques four my revue
> | Miss steaks eye kin knot sea.
> |

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> | Eye strike a key and type a word
> | And weight four it two say'
> | Weather eye am wrong oar write –
> | It shows me strait a weigh.
> |
> | As soon as a mist ache is maid
> | It nose bee fore two long,
> | And eye can put the error rite
> | Its rare lea ever wrong.
> |
> | Eye have run this poem threw it;
> | I am shore your pleased two no
> | its letter perfect awl the weigh,
> | My chequer tolled me sew.
> | – Sores unknown
> |
> | :o)
> | Sue...
> |>
> |> Androcles.
> |>
> |> | Sue...
> |> |
> |> |>
> |> |> Androcles.
> |> |>
> |> |> |
> |> |> |
> |> |>
> |>
> | <http://www.users.qwest.net/~efotheringham/Media/internet%20dominatrix.jpg>
> |> |> |
> |> |> | Yeah... I shudda put the quotes marks in when I ported the
> thread.
> |> |> |<:)
> |> |> |
> |> |> | Sue...
> |> |> |
> |> |> |>
> |> |> |> So I did you an injustice when I said
> |> |> |>
> |> |> |> | I guess you went to the Androcles school of electronic
> |> |> |> | engineering??
> |> |> |> |>
> |> |> |> |> Jeez. And to think that you worked on the CN Tower.
> |> |> |> |> (Or was that just your good friend?)
> |> |> |> |>
> |> |> |> |> My profound apologies.
> |> |> |> |>
> |> |> |> |> Who the heck are you talking to? Fix your threading.
> |> |> |> |>

> |> |> |> That would help, but I confess I missed the "attn Androcles"
> |> |> |> in the thread title. Apologies again.
> |> |> |
> |> |
> |

• **References:**

- ◆ **Classical EM Wave Propagation, attn: Androcles**
 ◇ From: sue jahn
 - ◆ **Re: Classical EM Wave Propagation, attn: Androcles**
 ◇ From: Russell
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 ◇ From: Androcles
- Prev by Date: **Re: Ballistic Theory, Progress report...Suitable for 5yo Kids**
 - Next by Date: **Re: c is time dependent !**
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