

## Re: Do ocean waves have mass?

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Thanks George,

Now I have a better understanding for the standard physics involved, but I am troubled by two things.

1. Photons are supposed to have no mass, no size, and cannot be conceptualized. I am tempted to consider some form of "absorber theory" that denies the existence of photons and instead says the absorbers (i.e., atoms) can only absorb and emit discrete quantities of energy from the EM field, which is not quantized. I think Feynman, for one, worked on this type of theory. If you know of any empirical reasons for doubting the absorber theory approach, I would welcome your input. Otherwise I am just going to think about the possibilities for a couple of years.

2. The term "energy" comes up a lot in physics. I suspect that our current understanding of this mysterious "energy" (at least in the context of EM phenomena) is completely heuristic, and that a more classical, physical underlying explanation is possible. I do not expect anyone else to agree with me on this, and feel fortunate that the Inquisition has been disbanded.

Thanks again for your help. I suggest any further discussion be handled by email.

Rob

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