

# Your Comments

Thus far, Physics 212 has been a bit like tubing. It's possible to stay on the tube, but only if you cling to it for dear life. Eventually, though, there's just that one wave that the boat hits, and you get thrown into the water. This lecture was a bit like that, so I'm hoping that we get a bit of clarification in the actual lecture. The resonance I understand, the transformer is slightly more befuddling.

Lot of hand-waving in this lecture. And really? Q? They couldn't have picked ANY other letter? I mean seriously, even a russian or a greek letter would've been better than choosing Q! Or X! Anything but Q! Q is charge....usually..... Sigh. E&M, why you do this to me? T\_T

I want to go over more examples on how to visualize RLC circuits as phasors, and how to interpret them more clearly.

Can we slow this down? There were a lot of new variables introduced, and it seemed that they were introduced arbitrarily. What exactly is "resonance" and how does a transformer really work?

Ya know, the first half of this prelecture was just a bunch of mumbo-jumbo mental gymnastics math. Like I'm sure it's important, but it just doesn't have any meaning yet: It's just scary functions that look like they're gonna be a bad time. The second part wasn't too bad tho. It's cool to know what a transformer - of the variety that is not robots in disguise - do.

Can you explain how  $dB/dt = V/N$ ? Other than that the ideas on the whole were clear, yet confusing. I bet the examples in class will clear confusion up.

Too many new variables, formulas, derivations, etc. No idea what's going on at this point. I've been confused many times before but this prelecture takes the cake.