Subject: Re: Enjoyed listening at LSAF
Posted by Wayne Parham on Sun, 06 May 2018 14:35:48 GMT
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Thanks for stopping by!

If you're free, come back today at 1:00pm. I'll be giving the "Crossover Electronics 101" seminar. It's a little like a condensed electronics tutorial, where I show how reactive circuits work. I also play some music through the loudspeaker circuits shown in the seminar so we can hear the effects of each crossover configuration.

It really helps to actually hear the effects of things shown in response graphs. We'll start off by going through some basic electronics and move quickly into things like low-order crossovers, high-order crossovers, resonance, peaking and damping. We'll look at various circuits and why they act as they do, and we'll see what happens at resonance and why that's important. We'll also look at various compensation circuits and dampers including Zobels.

Hope to see you there!