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Subject: Re: Wide Spread RIAA Phono Stage Inaccuracies by Manufacturers  
Posted by [positron](#) on Sun, 23 Jan 2022 05:27:25 GMT

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Strum Drum wrote on Sat, 22 January 2022 19:22 What's the reason behind the inaccuracies, though? I read the article and couldn't find the reason that so many models are like this. I saw this bit, - "These errors are due in part to the perpetuation in print of incorrect formulas for the design of the RIAA equalization networks commonly employed." However, I don't understand why it was an issue in the first place. I'm not an engineer, but I just assumed there was a standard that everyone followed.

What Stanley is stating is that the design equations used by the designers/engineers are not correct. It is one thing to calculate a single pole complex math problem, but when multiple poles are needed, very complex math is needed. The designers/engineers did not understand how to perform the correct math.

I surmised that there are equations in general, standard reference, use that are incorrect and were simply copied by many designers/engineers.

Hope this helps. Cheers.

pos

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