Subject: Wide Spread RIAA Phono Stage Inaccuracies by Manufacturers
Posted by positron on Fri, 21 Jan 2022 21:44:18 GMT
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Hi Gents,

I finally found the AES article covering RIAA equalization by Stanley Lipshitz I lost many moons ago. According to the article, there is a problem with correct RIAA equalization design in phono stages. (I am wondering about recording as well.)

No need for math etc, the introduction and references 1-18 at the end of the article give a sense of the scope of the problem. Who knows who is really following the true RIAA curve to this day?

https://forums.melaudia.net/attachment.php?aid=1301

Interestingly, the computer program I used for designing the RIAA in my test phono stage was up to 0,7 db off in the highs and 0,3 db off in the bass. After correcting the problems, a definite sonic improvement. Of course I had to reset the TT tracking, rake angle, anti skate etc.

For those who diy, here is a website whose calculator is based on Stanley Lipshitz's design equations.

http://www.mh-audio.nl/Calculators/CalculateRIAA.html

cheers

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