
Subject: Re: Damping factor - SE vs. PP

Posted by [Steve](#) on Wed, 12 Oct 2005 18:47:06 GMT

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I have to disagree a little. (assume no global feedback). Viewed near the operating point with minimal signal swing, there isn't much difference. But as the signal swings more and more, the DF varies more and more in an SET than a PP amp as the R_a is changing more in an SET triode while the PP triode combo is more constant. Theoretically, as one triode's R_a is rising, the other is lowering, maintaining an approx constant. This R_a swing occurs in all triodes, with the R_a varying from several hundred ohms to thousands of ohms and eventually (theoretically) infinite ohms at triode cutoff.
