Subject: Class notes
Posted by PakProtector on Sun, 27 Nov 2005 13:14:52 GMT
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Hey-Hey!!!,Still trying to lay out a set of instructions for building tube circuits. There are too many to cover all of them...so I am picking a starting point and making some assumptions.The starting point is a linestage. I'll assume we need gain, and that we'll be switching at least 2 sources. It will be driving cables, so attention will be paid to its output Z.The gain assumption leaves some work with developing a load line and interpreting the results. Power supply and component choices can take a lot of space, so in the beginning, I'll simplify for sake of coverage. Just make it clear I am simplifying.More later...:)cheers,Douglas

Subject: Re: Class notes
Posted by Damir on Sun, 27 Nov 2005 15:07:55 GMT
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It is a tough job to somehow "squeeze" all the necessary informations about tube circuits in a few pages, or a few lessons. Interestingly, there are not too many books that can help - there are many, with various things and accesses, but easy to follow, 1-2-3 simplified "recipes" single book... The closest are books by Morgan Jones, IMO.When I tried to in simplified manner (but, correct and with "nothing important can`t be omitted" goal) write about SE stage - I went through tens of books, but I must wrote a synthesis. This is theme for (at least) one thick book, not for 3-4 pages of text. I`m not sure that I totally succeeded in this... It can be done, but not just knowledge, literature and experience is needed, but the talent in teaching...

Subject: theory and practice
Posted by PakProtector on Sun, 27 Nov 2005 15:33:33 GMT
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Hey-Hey!!!,I think I'll keep Feynman's direction on teaching in mind: First discover why it is you want them(the students)to learn something. The rest will follow more or less by common sense.I suppose the Why, is to be able to build something that is owned by its builder. That is, I know why I did these things, and I know its limits and strengths. So, with this knowlege and experience, I might discover a new way of doing IT( and I am *NOT* referring to that silly ebay ad, though cheap salvaged bits will be available there...:).Let's pull back the curtain and reveal how easy it is to realize a good design. There is still blank space on the tube circuits canvas, waiting for motivated folks to pick up a pen or brush...So, put a choke in place of a SS current regulating circuit. Remove or add a bypass capacitor ____, and see how it sounds. Some will turn out well and some will take up time in the lab. All of them will teach *SOMETHING* useful. If it is only to trust your own engineering, I'll be smiling...cheers,Douglas