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Subject: cascodes

Posted by [Thrint](#) on Mon, 25 Jul 2005 23:44:20 GMT

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From a few cascode-able valves like 6BQ7 and 6DJ8, the schematic shows a pair of triodes stacked on top of each other and the upper grids attached to a voltage divider reference. The composite valve behaves like a pentode. So what happens if you sub the top triode for a pentode? Use the same voltage divider for the control grid, dropping R and bypass to its cathode for g2 and what does it do now? How to model this composite? I know how to generate the composite's plate curves for any pair of triodes, but the triode/pentode combo looks a bit more complex...thanks, Douglas

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