

# Re: Come Cross Test Circuit Theory in Simulation, Over Unity Circuit

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- *From:* Ned Forrester <n\_f\_orrester@xxxxxxx>
  - *Date:* Tue, 12 Feb 2008 12:31:25 -0500
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Jim Thompson wrote:

On Tue, 12 Feb 2008 01:04:22 -0600,  
hal-usenet@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx (Hal Murray) wrote:

Machinery/Energy Conversion: White/Woodson and  
Woodson/White ;-)

I had Woodson for 6.06. That was back in '64 or '65.

It was one of the most enjoyable courses I've ever taken.

Steve and I were getting to his office at 9AM on Friday morning to get our homework back. (Neither of us were morning people, but it was worth it.) It usually took 5 or 10 minutes to go over our homework. Then for the rest of the hour, we stood at the whiteboard and he would toss problems at us. They were all easy after you saw how to do it. As soon as we got one, he'd toss us another. It was a lot of work, but a lot of fun.

I teched in Woodson's MHD lab from '59-'62. Woodson was a really nice guy. Used to go to his house for BBQ.

Prof. Jackson was my thesis adviser.

Jim Melcher was a grad student, working on his PhD under Woodson, at the time and was teaching one of the active circuits courses as well... don't remember the course number, but it was the course where I was the only one in the class to get the start-up limit cycle right for a tube oscillator.... after being graded the only one wrong, I convinced Melcher I was right ;-)

Melcher went on to become head of the EE Department, but died young of colon cancer, just like my youngest son :-(

## Re: Come Cross Test Circuit Theory in Simulation, Over Unity Circuit

I had Melcher for 6.014 (6.04) and 6.601 in the mid '70s. He was by far the best teacher I ever had, though I had other good ones. He understood the material so well that, rather than missing the point of a student's question, as is common, he could put two examples on the board illustrating the student's confusion and the correct way to view the problem. It was a shame he died so young.

One of my favorite texts is "Electromechanical Dynamics, Pt I", by Woodson and Melcher. Appendix B has the clearest re