ORANGEHOUSE

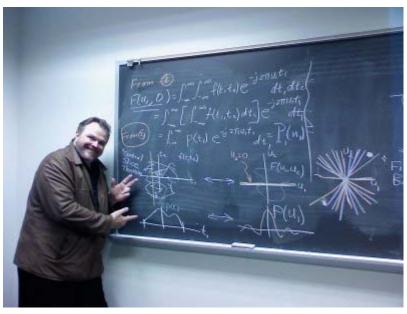## Life Observations of a Middle-Aged Fat Guy
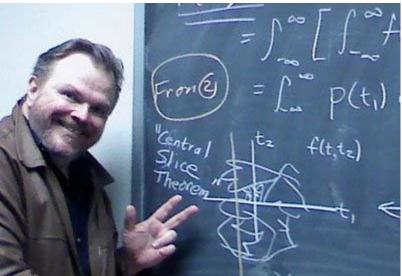
Monday, March 31, 2008

Central Slice Theorem

Thanks to Bob for being a guest speaker in my Bioinstrumentation class today! He was engaging, funny, and took us all on a mathematical journey into imaging systems. Here he poses with a free-handed Fred Flinstone to illustrate the Central Slice Theorem in computed tomography.

Tomography is used to recreate 3-dimensional images in the medical field. CT scans, ultrasound, geological imaging, and cartoons all use tomography. Yabadabado. The image below is from one of my students, Yasaman, who's cousin, Sam, is being treated for cancer in his neck. The egg-lookin' thing in his neck is a tumor. Here is his blog.

Welcome to the Orangehouse

My wife is an encourager. "You should start a blog." she says. "Who would read it?" says I. "People would." she says. I think she is probably wrong, but here I am starting a blog anyway because she makes me feel like I can do anything.

On my blog you will find posts about my family; my wife and two boys, Gracie and Henry our cats. I will write about my job as an engineering professor, or about alternative energy, or about my occasional trips to interesting places such as Central America, East Africa, or HEB.

I recently turned 40 and am seriously considering getting a couple of small, gold, loop earings. My wife says I shouldn't get them too close to my birthday so it isn't so obvious I'm having a mid-life crisis. The last thing I want to look like is a middle-aged fat guy trying to be cool.

My Best Posts

Battle of the Bald-sith-yetti
The Emptying
Cujo the Cat
MacGyver and the Apostle Paul
Lookin' for Love
Why Physicists Prefer Tee Shirts
The Blogability of Predestination and Free Will
A Monday Night (in rural Honduras)

Postings By Category

africa (5)
energy projects in the developing world (19)
Engineers with a Mission (5)
family (37)
introspection (10)
languages (1)