12characters.net

(formerly mensch.org, proudly coded in HTML3 since 1997)

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This page is maintained by Brian Fiedler. I am a Professor Emeritus in the School of Meteorology at the University of Oklahoma.

I am still alive

- my thoughts

Semi-obligatory items:

- Some of my recent publications
- my vita

Scientific and Mathematical sites that I maintain:

- My defunct Meteorology courses:
  - METR 1313: Programming for Meteorology
  - METR 4330: Information Technology Skills for Meteorology
  - METR 4323: Weather Simulation with Computers
  - METR 4553: Climate and Renewable Energy
- Still teaching as an Adjunct Professor in the College of Engineering:
  - Summary of ipython notebooks for DSA 5021 , also at dsa5021.net
- Some video introductions to my courses:

    - DSA 5021: Data Science Analytics for Meteorology
    - METR 4553: Climate and Renewable Energy

- some of my animations of meteorological data and simulations
- Energy, climate and weather Summaries of my energy and climate seminars, and home to my other projects .
- A wikipedia article mostly written by me: Idealized greenhouse model
- pageview analysis of wikipedia articles for which I made a substantial contribution, especially figures
- A front end to the column radiation model
- Some Mathematica Notebooks, from various courses I have taught.
- An ancient LaTeX page. Although the page is ancient, a class file for writing an OU dissertation or thesis is stored here. The class file is up-to-date as of 15 December 2011.

Public software that I wrote that might be useful or fun:

- Two robots play scrabble
- Axisymmetric Tornado Simulations with a Semi-Slip Boundary has the easy-to-use model as a supplement.
- janim.py Makes html with javascript to animate a sequence of images (Python recipe)

Public software that I once maintained and thought was useful:

- vplot, a vector graphics plotting utility written in python, output is in postscript
- simpleSVG, a **better** vector graphics plotting utility written in python, output is in SVG
- f90tohtml, a perl script to convert fortran source files into a hyperlinked web site
- neural network freeware, written in f90

Results of some of my *ancient* science projects:

- A year 2006 variation on the two-dimensional theme.
- A page showing 3-D numerical simulations of tornadoes with suction vortices.
- simulations of dust devils
- a neural network AMOS for SFO surface temperature
- statistical prediction of SFO summer burnoff

Other:

- my Graduate Liaison website , now defunct
- My reviews at amazon.com
- An art attack: OU, what you do to me...
- Facebook didn't work for me. I do twitter.
- my book reviews at goodreads.com
- Alan Shapiro's recipe for Thai Coconut Shrimp.