

There are 5 animations in this folder that were generated with the aid of the Power Series Method (PSM). PSM is described on the webpage <http://educ.jmu.edu/~sochacjs/PSM.html>. The animations were done on the CAVE (A Cave Automatic Virtual Environment (better known by the recursive acronym CAVE) is an immersive virtual reality environment where projectors are directed to between three and six of the walls of a room-sized cube.) at the Department of Energy – ICASE – Idaho National Laboratories – Idaho Falls, ID.

- 1) AdamVideo.mp4 – This animation shows some of the planets moving in the solar system.
- 2) ElasticPressure.mp4 – This animation shows an elastic motion in a three dimensional heterogeneous material.
- 3) FDL.mp4 – This animation shows the moving of nodes in a Force Directed Layout obeying certain attraction and repulsion rules.
- 4) NeuralNetwork.mp4 – This animation shows the lighting of neurons in a three dimensional network based on the Hodgkin-Huxley partial differential equations.
- 5) SolarSystem.mp4 – This animation shows the motion of the planets including changing parameters of the solar system, a rocket being fired into the system and the motion of Jupiter and its moons.