

Meeting: 1006, Lubbock, Texas, SS 11A, Special Session on Future Directions in Mathematical Systems and Control Theory

1006-93-192 **Channa N Navaratna*** (channa.navaratna@gmail.com), Center for Radiation Studies,
Department of Biological Sciences, Texas Tech University, Lubbock, TX 79409-3131. *Java and
Control Systems Simulations.*

Control system simulation on the World Wide Web is a research area where few studies have been done. Possibilities for simulation and animation of control systems on the internet are immense. With the flexibility afforded by the Java language to execute routines written on a server in a client machine in a platform independent manner, it is possible to create a vast virtual control systems laboratory. The presentation describes the work during the initial phase of such a project. (Received February 14, 2005)