

Physics Department Seminar

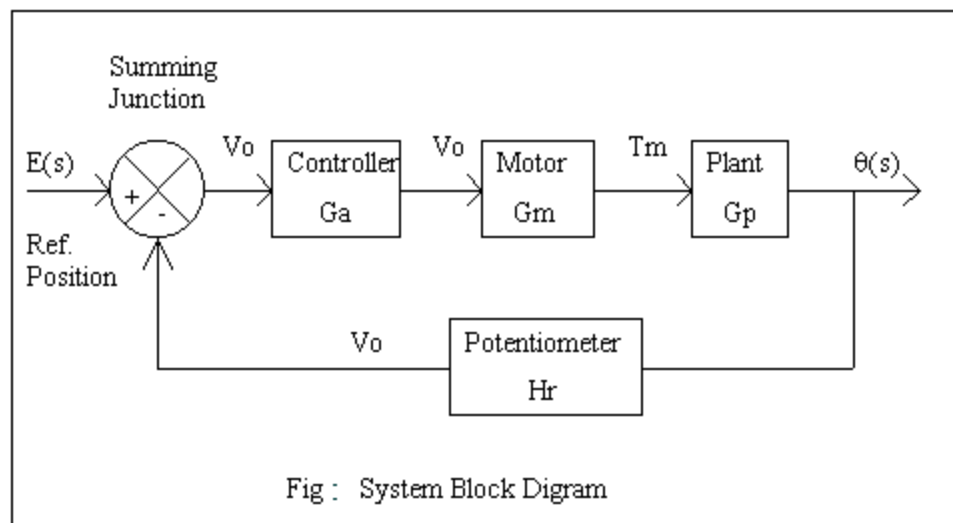
Friday April 28th, 2006

11:00am in PhSc 105

“Control Systems and Stability”

Mr. Jacob Baker

Department of Physics
California State University, Chico



Abstract:

Many engineered systems, once in service, do not perform as desired due to unanticipated disturbances or overly simplified design. Compensation or feedback systems can counter these unwanted behaviors. This talk will explore the basics of control systems and stability by using the example of an oscillatory system and demonstrating the effect of the addition of a compensator. The compensator will be shown to change the system's natural output to a more desirable one.